H: SincLink INFORMATION (4):...

H: NEWSLETTER EXCHANGE? Please send exchange newsletters to:..
SLIX..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530...

H: LISTING USER GROUPS? Please list us as (3):...

1. TIMEX/ SINCLAIR/ CAMBRIDGE/ UNIX SILICON VALLEY USERS (GUTSCU/SV)..
Meets:..
The THIRD WEDNESDAY of the month (fourth Wednesday in June, 1990) at 7:30pm at:.
The Cupertino Library, Community Room, 10400 Torre Avenue, Cupertino..
Contact:..
Bill Miller_408-253-3175, MFSBBS_408-253-2295..
6675 Clifford Drive..
Cupertino;; CA_95014-4530...

2. TIMEX/ SINCLAIR/ CAMBRIDGE PENINSULA USERS GROUP (TSCPUG)..
Meets:..
The THIRD SUNDAY of the month at 1:00pm at Peninsula Hospital, Sierra Room (on the lower level), 1783 El Camino Real, Burlingame..
Contact:..
George Mockridge_415-878-1773..
311 Michelle Lane..
Daly City;; CA_94015...

3. TIMEX/ SINCLAIR/ CAMBRIDGE/ UNIX Special Interest Group of THE COMPUTER WORKSHOP (TSCU_SIG/TCW)..
Meets:..
EVERY SATURDAY morning at 10:00 A.M. at:..
Stanford University, Jordan Hall, Building 380 (in the Quad), Room 380C (downstairs)..
Contact:..
Bill Miller_408-253-3175, MFSBBS_408-253-2295..

H: LOOKING FOR TIMEX/ SINCLAIR/ CAMBRIDGE/ UNIX/ SHAREWARE FILES? Try:..
Mini File Server
BBS_408-253-2295, 300/1200, 8,N,1, 24hrs, Sysop: Steve Nichols...

H: SincLink Subscriber List (11):..

Name	Dues	DatePd	Last Issu
M. Furman	15	900516	9101
J. Kealy	15	900510	9012
J. Hunkins	15	900430	9012
F. Carpenter	15	900414	9012
R. Downey	15	900217	9101
J. Wyder	15	891227	9012
D. Bennett	15	891222	9012
T. Swenson	30	881024	9010
($15 SincLink check to American Micro Connection for Tim on 881120)..			
M. Wahl	15	890917	9009
B. Harris	15	890719	9007
T. Greenlee	30	880629	9006

..

FIRST CLASS MAIL

TO:

BOB SUGGER
613 PARKSIDE CIRCLE
STREAMWOOD, IL 60107

FROM:..
SLIX (SincLink Information Exchange)..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
--- United States of America...

1990 Jun 04 09:52:55
flp2_sn905t4_lis
Revision: 900604.0949..
Words: 1727..
SincLink;; Newsletter..
Filename: Sn905t4 (sn904)..

SincLink Newsletter..
Volume: 9;; Number: 5 & 4..
April, May 1990...

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May be freely copied for non-commercial use only..
Please give credit to author and source..
For commercial use, contact:..
SincLink..
c/o Bill Miller_408-253-3175..
--- Information Manager..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
--- United States of America...

Sn905t4: Table of contents (INSIDE)(5):..
Page. Subject..
2. SLIX contacts and newsletter exchanges for May 1990 (32)..
10. SLIX contacts and newsletter exchanges for April 1990 (40)..
21. SLIX Exchange Newsletters Received..
22. SLIX Library (14): Policy, QL Disks, MSDOS Disks, TS2048 Cassettes, TS2068 Cartridges, TS1000 Cartridges, TS1000 Cassttes, Hardware, Books, Magazines, Magazine Articles, Catalogs, Catalogs (History), & History..
24. SincLink Information & SincLink RENEWALS DUE!..
..

Sn905t4_files (4):..

DFilename_ext	Bytes	Revisn.time
Sn905t4_dir	124K	??????.????
.Sn905t4_lis	15290	??????.????
.Sc905t4_lis	91784	900604.0915
.Sl90c64_lis	12456	900526.1320
.Sl90c32_lis	6476	900526.1320

..

Disclaimer: SincLink and Authors disclaim responsibility for the results of hardware modifications to your computer system..
If you are not SURE of your capabilities, get someone with more experience to help you...

H: WHAT IS SincLink?..
SincLink is the name of the original publication of the "Group Using Timex/ Sinclair/ Cambridge/ UNIX of Silicon Valley" (GUTSCU/SV)..
SincLink was first published in April, 1982..
Parts of SincLink are usually printed in TIMELINEZ, the publication of Timex Sinclair Cambridge Peninsula User Group (TSCPUG) and GUTSCU/SV..

H: WHAT ARE THE ADVANTAGES OF SUBSCRIBING TO SincLink?..
The purpose of most user groups is to share information..
The best way to do this is thru a newsletter, since most members cannot attend every meeting..
If you have a problem (or a solution), the best way to ask for help (or give help) is thru the newsletter..
The newsletter also usually contains information about other User Groups around the nation and world that we gather thru our newsletter exchanges..

H: HOW DO I "SUBSCRIBE" TO SincLink?..
For User Groups (even small ones- there is nothing wrong with a one person User Group that puts out it's newsletter on a TS2040), we would prefer to exchange newsletters on disk (or paper if disk is not available)..
If you just can't exchange newsletters, the best way to 'Subscribe' to SincLink is thru SLIX (SincLink Information eXchange)..
Send us some Sinclair/ Cambridge/ UNIX related information and we will send you a current SincLink and a 'SLIX Contacts' printout with your information in it so that you can check it for accuracy and suitability..
Mail exchange newsletters or information (on disk or paper) to:..
SLIX..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
You may also call your information in to the telephone number listed above or upload it to the MFSBBS_408-253-2295..
The information will become part of the Permanent SLIX Database which will be made available to all SLIX participants in as many disk formats as we can manage..
The preferred method for exchanging information is as ASCII text on 3.5in or 5.25in floppy diskette using (4):..
1. MFM (Modified Frequency Modulation- double density)..
2. 80 or 40 cylinders..
3. (2) tracks (heads) per cylinder..
4. (9), (10), or (11?) 512 BYTE sectors per track..
The preferred disk formats (in descending order of preference) are (6):..
1. QL 5.25in, 720K..
2. MS(PC)-DOS 5.25in, 360K (Preferred Standard, 5.25in)..
3. QL 3.5in, 720K..
4. MS(PC)-DOS 3.5in, 720K (Preferred Standard, 3.5in)..
5. C64/128 5.25in, 340K..
6. C64/128 3.5in, 800K..

READ ONLY (We can't easily write to the following formats) (10):..
1. TS2068 LarKen, JLD, or AERCO?; 5.25in or 3.5in; 159blocks (cylinders, tracks?)..
2. TS1000? LarKen, JLD, or AERCO; 5.25in or 3.5in; 159blocks (cylinders, tracks)..
3. QL Cartridge or other QL Disk Formats (Single Sided, 3in, etc.)..
4. Other TS formats (Stringy Floppy, WafaDrive, Cassette tape)..
5. MS(PC)-DOS 3.5in, 1.44MB..
6. MS(PC)-DOS 5.25in, 1.2MB..
7. Amiga 3.5in, 880K..
8. Macintosh 3.5in, 400K..
9. Macintosh 3.5in, 800K..
10. 'NeXT' 256MB Optical Disk..
If you don't have a system that can read and write any of these formats, or you can't exchange information for some other reason, you may subscribe to SincLink for $15.00 per year..
Make check or money order payable to: SincLink..
Mail to:..
SincLink..
c/o Bill Miller_408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA_95014-4530..
SincLink subscriptions are currently fulfilled with TIMELINEZ...

1990 Jun 04 10:04:27
flp2_Sc905t4 lis
Revision: 900604.0915_PDT..
Words: 13193..
Organization: SLIX (Sinclair Information Exchange)..
Telecom-Info(5):
SLIX 408-253-3175,
MFSBBS_408-253-2295,
UUCP!mips!svcs1!(3): slix, wahl, & steve..
File type: Contacts..
Filename: Sc905t4..
Margins(4): Left: 2;; Indent: 1;; Right: 32;; & Justify: Left..
..
Subject: SLIX contacts and newsletter exchanges for May, 1990 (32):...

32..
Sc900531.1341_Swenson_TC..
Call from: Tim Swenson_703-820-6657..
Tim called to ask us about a "GIF" graphics decoder for the QL. We referred him to: Norm Lehfeldt_415-285-0643..
We also told Tim that Computer Buyer's Guide is publishing TS articles and gave him CBG's address..
...

31..
Sg900530_CBG_906..
Computer Buyer's Guide June 1990, 216pages..
c/o Douglas E. Kilarski_Tel.:_..
--- Editor-In-Chief..
--- P.O.Box 55886..
--- Birmingham;; AL_35255..
Contents:..
Page. Subject..
128. TS1000 News: "Reading a MSDOS Text Disk" on a TS1000 AERCO disk system;; By: Richard Matejovic..
Ref.: Sn902t1_dir/Slmstad, Sf900313.0844;; Sc890923..
..
177. User Groups: TS User Groups (5):..
178. GUTS/SV_408-253-3175..
181. CATS_703-978-1835..
182. CRAGIST_319-364-4330..
187. LIST_516-791-6247..
187. GCT/SUG_216-352-2837..
..
196. TS Classified Vendors (1):..
A: Pyramid Electronics, PE_813-922-9574..
2174 Gulf Gate Drive..
Sarasota;; FL_34231..
...

30..
Sc900529_Martin_ML..
Letter from:..
A: Mark Martin_Tel.:_..
2158 E. Dennis Rd. ..
Williamston;; MI_48895..
Ref: Sc900308..
..
"Dear Mr. Miller and Mr. Wahl,..
..
Well, I have good news and bad news this letter. The good news is that the BBS is finished, but is currently being ported to C to be compiled for SPEED! Goodness, Basic can be so very slow! The bad news is that I have been unable to contact the two places that you mentioned about hard drives over the phone. The one place in Germany gives me a funky German operator recording when I call, and I got hold of one place in England (calling at 6 am for the price rates and hour/time mismatches), and asked for a price list. I never got it. I am now going to write to them direct, but I hesitate to use mail, since the term 'snail mail' is a moniker that befits the US/Overseas postal service(s). I also have not had very good luck with my letters actually making overseas. I have written letters, though, and they will go out with yours in tomorrow's mail. I also have a pen pal in Germany now, whom I contacted by sending a message through Fido-Net on a local BBS up here. Maybe he can look up that one in Germany for me?! ..
At any rate, the BBS is being converted to C, slowly but surely. An editor would be nice, since Quill quit on me, and the original MDV is 'a changed medium'. (grin). I am debating whether or not to expand my QL with memory and a disk drive, or get another QL and develop Networking software in conjunction with the BBS. Again, I hear Mr. Wahl has (or is) working on Networking software. I am getting hold of a PC type soon, and will upload all the source that I have for the BBS and other projects I have been working on to IBM 5 1/4", in exchange for maybe some of Mark Wahl's networking and BBS source. I really need a list of the QDOS trap calls, since I would like to have my BBS to run multi nodes and over a network. I have a neat little machine code book, but it doesn't explain the QDOS trap calls/vectors. Maybe Mark Wahl would be interested in a collaboration on networking?..
By the way, my brother will soon be getting an Amiga type, and I will also soon be developing Amiga software with a friend that I met in college. I am still very devoted to the QL, and am trying to decide which computer becomes a hobby. I have immersed myself in 680xx Assembler code, and am excited about programming either machine. Also, NeXT turned me down for sponsorship to GMI, but I am still looking..
A few last things before I sign off: a question for Mr. Wahl. How do I get the C primitives for stream scanning, such as scanf (or fscanf) or fgetc to NOT pause for input. I have DP's small-C compiler, and the damn C primitives are limited. I was thinking about using fseek or fread, but what I really need is a simple INKEYS(#fd). This is the only problem that I am facing in the C port. The other thing I wanted to ask is if you still wanted me to research the hard drive inter-face thing overseas, or if you have given up on my lateness and gone ahead and contacted those places yourself? I have sent the letters, but I don't know . . . As it just so turns out I got hold of a 49 meg SCSI hard drive. It has suddenly become very interesting for me to find a SCSI interface. I was also contemplating building one, but without the proper disassembly of the QDOS traps and an Eprom programmer, it would be hard to write a rom-encoded driver. The rest I could handle, but with no Rom writing ability . . . . ..

At any rate, you can expect a disk from me soon, with all sorts of source code on it, as well as an update if I hear word from the two places overseas. Take it easy, and happy QL computing!..
..
Thank you,..
Mark Martin"..
..
Mark:..
Good to hear from you again!..
We are happy to hear the QL BBS is finished and is being ported to C for speed..
We always thought that the way to do it would be to leave it mostly in BASIC and only write the parts that have to be fast in C. What do you think?..
Glad to see you are pursuing the QL hard drive interface project!..
We suspect that the most cost effective QL hard drive interface may turn out to be an 8088, 80286, or 80386 clone hooked to the QL through a serial or SCSI connection. This may also be the most cost effective solution for the Amiga..
We suggest you contact the German company by mail about using their system to connect a clone SCSI card to the QL. We don't know of anyone using the advertised QL hard drive interfaces, so we suspect they may not work very well..
To get a response to your overseas letters, try sending a "International Postal Response Coupon" with your letter. These are available at the Post Office..
If your Quill cartridge went bad on you, we can send you a replacement if you will send us a cartridge..
It seems that your first project (even before the BBS) should be the easy interchange of files between the QL and the IBM type you are getting. Then you can use the IBM drives instead of the QL microdrives. We have heard the QL cartridges are no longer being manufactured..
A program that networks the QL to a clone so that the clone drives appear as QL devices would seem to be a very marketable product..
We are investigating the design of a QL Expansion Card which provides (4):..
1. Dynamic Ram (3):..
1.1 256K..
1.2 512K..
1.3 768K..
..
2. Static Ram or ROM: 32K. You may not need an EPROM programmer if you could put your SCSI driver in SRAM and then turn off the WRITE line. Once you get it working, we can always program the EPROMS for you..
3. High speed serial port: 115Kbps. For use with "$25 LAN"..
4. SCSI port: 1.5Mbps..
..
Mark Wahl and Tim Swenson are investigating a ShareWare Small C compiler for use with the QL..
Tim is investigating the Dr. Dobbs/ Quanta Library Small C compiler..
Mark is investigating the GNU C compiler (with source) from: The Free Software Foundation..
..
We are investigating network connections between the QL and clone (4):..
1. QL serial port..
2. SCSI..
3. High speed serial port using the "$25 LAN" (Sc900210) from:..
A: Information Modes, IM_817-387-3339..
P.O.Drawer F..
Denton;; TX_ZIPCD?..
4. QL network port..
..
For an operating system for the clone "File Server" we are investigating (2):..
1. MSDOS..
2. Minix..
..
Perhaps you could work on the networking software at the QL end while we work on the rest of the stuff..
You may also want contact:..
A: Steve Anderson_404-929-3875..
P.O.Box 701..
Lithonia;; GA_30058..
about your BBS project..
We look forward to receiving a disk from you soon..
...

29..
Sc900527.1830_Holloway_DC..
Call from:..
A: Darrell Holloway_407-639-8394..
1254 Sleepy Hollow Lane..
Rocklidge;; FL_32955..
..
H: TS1000 or TS2068 Wanted to buy..
..
Darrell found out about us from the June Computer Shopper. He is looking for a TS1000 or TS2068 to use for a home control project. He had a ZX81 some time ago, but sold it and switched to an Atari. He also tried out a QL for a week..
We promised to put an item in our Data Base (this record) and also suggested he try (11):..
1. The other TSUGs in Computer Shopper (5):..
1.1 P590;; CATS_703-978-1835..
1.2 P592;; CRAGIST_319-364-4330..
1.3 P605;; LIST_516-791-6247..
1.4 P606;; GCT/SUG_216-352-2837..
1.5 P617;; SMUG_414-527-2191..
..
2. ISTUG & Update Magazine..
c/o Frank Davis_317-473-8031..
3. RMG_503-655-7484..
4. Jack Dohany_GA_404-543-5309..
5. Zebra_PA_814-237-2652..
6. SNUG & Quanta..
c/o Paul Holmgren_317-291-6002..
7. Curry_602-978-2902..
8. AERCO_512-451-5874..
9. Ridgway_915-942-7564..
10. Byte-Back_803-532-5812..
11. 1990_SCE_Sc900523..
..
Darrell promised to try to contact some of these folks and inform us about which still seem active and also inform us about the progress of his project. He says he called Don Lambert (CRAGIST) and Don told him that he was getting ready to go to the 1990 SCE (Sinclair Computer Exposition)..
..
After we sent the above answer to Darrell, we found (3):..
1. A/D board references (3):..
1.1 Jack Dohany/ Zebra..
1.2 Computer Continuum_415-755-1978,

CC_BBS_415-755-1524..
1.3 Docs for TS1000 Parallel Printer Interface and Data Acquisition and Control System;; 40pages;; Sc900116..
2. TS1000 to BSR X-10 adapter $69.95 from: Chuck Goldwater_415-449-2061;; # 881229..
3. Florida TS contacts (4):..
3.1 TS Refurbisher and used equipment dealer: Eric Johnson Tel:._;; Sc890521..
3.2 Tom Phillips_904-739-2580;; Sx890428..
3.3 TAS-BAM_813-546-4278..
3.4 TS Computers FOR SALE..
A: Pyramid Electronics, PE_813-922-9574..
2174 Gulf Gate Drive..
Sarasota;; FL_34231..
From: Computer Buyer's Guide June 1990 Page 196..
...

28..
Sm900528_TSCU_SIG/TCW_8 Meeting..
Topic: SLIX needs help on disk drive hardware..
...

27..
Sc900524_Rait_HN..
Note to: Harvey Rait_Sc900523..
Harvey:..
How is LIST doing. We haven't heard from you folks for a while. Tell us if you hear from Oscar Macia..
Can we exchange newsletters? On disk? Hope to hear from you soon..
...

26..
Sc900523.2000_Macia_OC..
Call From:..
A: Oscar Macia_NY_718-714-7234, Sc890810..
115 Avenue S, Apt. 6..
Brooklyn;; NY_11223..
..
Oscar is visiting the U.S. from Argentina. He has brought his TS2068 with many games on cassette and disk? in MSX? format. He needs a U.S. power supply for his TS2068. He is also looking for TS users near him..
..
For a TS2068 1amp 15VDC power supply, we recommended trying TS Vendors (4):..
1. RMG_503-655-7484;; RMG advertises a 12V 3A regulated power supply for $31.95 on page TSH-1 of their catalog..
2. ZEBRA PA_814-237-2652..
3. Jack Dohany_GA_404-543-5309..
4. We promised to check:..
Jameco_415-592-8097. A 900524.0954 call to them revealed they no longer stocked the "PS2507" power supply with isolated output: +15VDC @ 4amps which was listed as a close-out on page 31 of their 1989 "Winter-Spring Flyer #138". They also reported that they carried no other 15VDC power supplies..
..
For TS contacts, we recommended trying (3):..
1. Tim Swenson_703-820-6657..
2. 1990 Sinclair Computer Exposition (3):..
2.1 Neal Schultz_414-353-4522, 7-10PM..
2.2 1990 SCE_414-786-0460, (Waukesha Holiday Inn)..
2.3 Bill Heberlein_414-527-2191..
3. 579- LIST (Long Island Timex Sinclair Group)..
c/o Harvey Rait_516-791-6247..
--- 5 Peri Lane..
--- Valley Stream;; NY_11581..
From: Computer Shopper April 190 Page 572..
..
Oscar:..
Good to hear from you again and best wishes on your U.S. visit. Hope you can find work. Keep us informed of your experiences in (2):..
1. Getting your TS2068 to work in the U.S. ..
2. Finding other TS users..
..
Hope to get a letter or a diskette from you soon. Can you copy your MSX diskettes to MSDOS (IBM, PCDOS) diskettes? We could then read them. We may also be able to read MSX diskettes if you could send us one..
...

25..
Sc900523_Mockridge_GN..
Note to: George Mockridge_415-878-1773..
George:..
Thanks for promising to send us copies of the Seattle and CCATS newsletters. It might be more helpfull to others if you could send us an "Sx" record for each newsletter instead..
For an example, see: "Sx900521_In904t3_10" in this file..
The actual format isn't important as long as it has (8):..
1. Date received..
2. Group Name..
3. Newsletter Name..
4. Issue..
5. Number of pages..
6. Contact person's (2):..
6.1 Name & phone number (if known)..
6.2 Address..
7. "Headline" for each article (possibly with a short description)..
8. Name, phone number, & address of any TS contacts mentioned in the newsletter..
..
If you could put this into a file you are most comfortable with and send it to us via the media you are most comfortable with, we could take a shot at adding it to the SLIX Data Base..
..
Also, we have a lot of TS2068 files in LarKen format from Steve Anderson. We have copied them to MSDOS diskettes. Perhaps you (with the help of Bob Orrfelt and Jack Dohany) could figure out a way to convert them to Zebra (Timex Portugal) disk format. We could try to send them to you on 3in 180K MSDOS diskette if we can figure out how to format a 180K MSDOS diskette..
The TS2068 MSDOS directories are (2):..
..
1.:..
Dfilename ext FiSize YYMMDD.HHMM
flp1 wm89131m
564/1440 sectors

CHUNKS CT	5120	
SPECT CT	5120	
GFIX B1	10240	
INVERT_B1	5120	9999
script_B1	5120	
BLAKJK_B1	5120	
GROUP_CT	5120	

apples_B1	5120	9000
Break_B1	5120	9000
chekrs_B1	10240	9000
dbustr_B1	5120	9000
drace_B1	5120	9000
drips_B1	5120	9000
derby_B1	5120	9000
drop_B1	5120	9000
eggs_B1	5120	
hiway_B1	5120	9000
mship_B1	5120	9000
hangmn_B1	5120	9000
nessie_B1	5120	9000
trap_B1	5120	8000
spider_B1	5120	9000
uboat_B1	5120	
sky_B1	5120	
akount_B1	10240	
bankr_B1	10240	
bio B1	20480	9000
NOPARK_CT	5120	
arle_B1	5120	
arle_C1	5120	
TANG_B1	5120	
UFILE2_B1	35840	
UNIF B1	35840	
amort_B1	10240	
TDB B1	15360	
TDBDOC_CT	5120	
COUPN_BR	10240	
wm89131m_dir	1384	89131
wm89131m_des	260	9789

..
2.:..
flp1 wm891311
99/1440 sectors

wm891311_ddr	7195	
FORMAT_BR	5120	
Hcode_Cr	5120	
JBBS_B1	40960	
Move_B1	5120	
Move_C1	5120	
64col_B1	10240	
FAYE_Cr	10240	
RONNIE_Cr	10240	
ALICE_Cr	5120	
CLIVE_Cr	5120	
SEAGOD_Cr	10240	
COPTER_Cr	5120	
WFALL_Cr	15360	
HORSE_Cr	10240	
HI_Cr	10240	
ENTRPR_Cr	10240	
PRES+6_Cr	10240	
REAGAN_Cr	5120	
2068_Cr	5120	
SPOCK_Cr	15360	
GYRO_Cr	10240	
CHALL_Cr	10240	
NAVIG_Cr	5120	
SPACER_Cr	10240	
CATHY_Cr	10240	
AL_Cr	15360	
BARBIE_Cr	20480	
ULISTA_CT	20480	
ULISTB_CT	20480	
ULISTC_CT	20480	
BULLET_B1	25600	
64col_C1	5120	
TIC B1	5120	
TINYBD_B1	10240	
TDIAL_B1	5120	
header_B1	5120	
rlepro_B1	5120	
LLS_B1	5120	
ATTACK_B1	20480	
KBORD_B1	5120	
GRAPH_B1	10240	
QUEST_B1	20480	
MEDEXP_CT	20480	
SPCGRL_CR	10240	
DECK3_CR	10240	
INTELL_CT	10240	
ulista2_ct	20480	
ulista2_doc	16384	
ss89211a_doc	16384	
ulista_lis	20443	
ulistb_lis	9741	
ulistc_lis	5325	
medexp_lis	4329	
intell_lis	5633	
wm89131l_dir	1945	
wm891311_des	260	
wm891311_dtp	7065	

...

24..
Sc900522_Heberlein_BN..
Note to: Bill Heberlein_Sc900521..
Bill:..
Got your hand written note yesterday and haven't had time to add it to the Data Base..
Please see that as many Expo Attendees as possible get the "SLIX Library Inventory". We have enclosed about 200 copies (including one in each software box). Please make more if you need them..
Thanks for your quick response..
Hope we can get an address list of Expo Attendees (on disk?)..
Best wishes for the Expo..
...

23..
Sx900521_In904t3_10 ISTUG_NL..
Indiana Sinclair- Timex User Group Newsletter, March- April 1990, 10pages..
c/o Frank Davis_317-473-8031..
--- Editor..
--- 513 East Main Street..
--- Peru;; IN_46970..
..
Other contact: Paul Holmgren_317-291-6002..
..
H: Update Computer Systems Gets New Publisher..
Carol & Frank Davis..
P.O.Box 1095..
Peru;; IN_46970..
..
H: The Sinclair Desktop Publishing Journal;; By: M. Felerski..
..
H: TSDPJ Reviews "First Edition"..
TS2068 Program from:..
A: "Byte Power Magazine"
BPM Tel.:_ ..
1748 Meadowview Ave. ..
Pickering;; ONT_L1V-3G8..
CANADA..
..
H: TSDJP Reviews "Pixel Print Professional 5.0"..
TS2068 Program from:..
A: Leake Software Design, LSD Tel:._ ..
2114 White Oak..
Wichita;; KS_67207..
..
H: TSDJP Reviews "Word-Master"..
Spectrum Program from:..
A: Jack Dohany_Tel.:_..
435 Woodward Way..
Athens;; GA_30606..
..
[After June 1990 use:]..
..
A: Jack Dohany_Tel.:_..
390 Rutherford..
Redwood City;; CA_94061..
..
H: TS2068 Icon Program Listing;; By: Basil Wentworth..
H: TS2068 Medicare Income Tax Program Listing;; By: Herb Bowers, Sr. ..
H: Rotronics Wafadrive Copy Command for EPSON Compatible Printers Program Listing;; By: Mike Felerski..
...

22..
Sl900521_Heberlein_BL..
Letter regarding library transaction from: Bill Heberlein_Sc900509..
"5/19/90..
Bill:..
Excuse the hand written note but I am in a hurry to respond to your letter..
Yes the Expo would love the

Timex Software. We would be glad to give it away, to attendees, as door prizes..My understanding of the software was that it was commercial software and that's why I said original. We, as a club, could not give out copied software written for sale to the public..
Thanks again..
Bill Heberlein"..
...

21..
Sc900521_Lambert_DL..
Letter from: Don Lambert_Sc900503..
"05 17 1990..
Dear Bill:..
A lot of water under the bridge but there are times I am not sure which way it is flowing if you get the idea. My disk drives on the T/S 2068 have failed again but this time it is not the power supply but the ribbon cable from disk drive to disk controller (Larken) is the culprit. Another ribbon cable works so that must be the problem. What is the real problem is that I used an old real of 34 connector ribbon cable that had thicker stiffer insulation and now I wonder if the insulation hasn't creep back to its original (or tried to) position and thus forced the connectors away from the wire. I am hoping that the new cable that I bought to replace it will not do that nor that the connectors haven't been displaced from making positive contact to the connectors. Especially since Radio Shack has obsoleted the connectors that were selling for $1.98 since some were using them for a purpose that the FCC didn't like. I will later make up a new cable and try again to get all four drives working again..
I had moved all my computer gear back into my corner of the basement and I will be a long time sorting and inventorying the stuff, and I got the disk from George Chambers on reading MSDOS files on the T/S 2068 and after a long thinking period I remembered where I had put the QL files disk you had sent me. I used Chambers' disk and it worked its magic on your disk even if George had said he had not tried to get it to work and in spite of the computer giving me an error message when I tried to SAVE the files as MSCRIPT files but when you went back to the directory you got file names and you could load some files into MSCRIPT. Of course some of what was LOADed was garbage but some was readable. And while I did not try it I presume it could be printed out. Some how by ignoring some of the prompts I had gotten the program to work.
I received the package from Sherman Lee and while I have unpacked it I have not tried to test it. One system down at a time is enough. I will have to look at the drive, by looking at the literature I do not know what it is, the manual for the disk controller (ZXB1 AERCO) mentions single density, double density, single sided and double sided. Guess I wll try a Tandon DD DS 40 track in the empty slot and see what happens. I will take a look to see if I can learn more about the drive if there are any markings on it. The literature mentions Pertec drives. I have not heard of them before. What are Pertec drives compatable with? By looking at the drive I will see if it has one or two heads and that will settle the SS or DS..
At the Collins Inventroy Disposal store I am rubbing elbows with the guys that are after the IBM PC obsolete stuff and I just found out that I know more about some (320K and 720K) disk drives than they do. One guy is working to get an IBM PC up and going that he has bought piecemeal at the surplus store. While all the major components work with someone elses computer when he connects them all together the computer is very flaky. I suggest that he check every component on someone elses computer including all the connecter cords. He thinks that is a silly thing to do. Oh well, I'll hear another installment the next time he shows at the store when I am there..
..
TIMEX/ SINCLAIR STILL LIVES..
..
Sinclairly yours,..
Donald S. Lambert"..
...

20..
Sm900520_TSC_PUG_8 Meeting..
Attendees (8): Walt Johnson, George Mockridge, Bob Orrfelt, Jim Hunkins, Don Moser, Bill Miller, John Hancock, & Norm Lehfeldt..
..
Walt had a bunch of discarded telephones for people to take home..
..
George promised to send SLIX copies of TS newsletters (2): Seattle, & CCATS..
..
Bob demoed an application of "ZXDA" and promised to contact Don Lambert about getting a copy of the documentation to him. Bob also promised to contact Joan Kealy about (2): How to obtain "WP32", & Reading an MS-DOS disk on a Zebra disk system (3in)..
..
Jim promised to upload files to the MFSBBS_408-253-2295 (4):..
1. Torrance Z88 BBS directory..
2. Answer to Mark Wahl's help request from last meeting..
3. "Z88 Virtual Disk Drive- QL/ IBM Versions";; 9pages..
4. UK Z88 newsletter info for (2) issues (3): "Headlines";; "Tel.:" index;; & addresses..
..
Don gave out:..
Handout: "The Psion Mobile Computer" ad;; By:..
A: XEC Products, XEC_813-531-1422, FAX: (813) 530-5975..
13630 58th Street North, Suite 103..
Clearwater;; FL_34620..
From: "Byte" May 1990 page 174..
..
Bill Miller_408-253-3175 asked for help on the following items (7):..
1. Formating MS-DOS disks in formats (2):..
..
1.1 720K..

1.1.1 80 tracks..
1.1.2 (9) 512 byte sectors/ track..
1.1.3 (2) sides..
..
1.2 180K..
1.2.1 40 tracks..
1.2.2 (9) 512 bytes sectors/ track..
1.2.3 (1) side..
..
2. QL RAM Expansion Design. Dynamic & Static..
3. QL SCSI Host Adapter design..
4. Linear Power Supply design..
5. Run Minix on a PC Clone (Get updates, read book)..
6. Test SLIX programs (2):..
6.1 Menu..
6.2 CP (Communications Protocol, Copy Program)..
7. QL Disk drive problems (2):..
7.1 (2) drives were OK, then give "not found" message..
7.2 (2) drives gave off "Snap, Crackle, & Pop" noises when first selected as part of a 4 drive system (one 3in., two 3.5in., & one 5.25in.). They now take the whole system down when they are connected..
..
Norm Lehfeldt had:..
Passaround: "Z88 Fax News";; ZFN_307-473-2535..
H: Z88 Fax News has new phone number in the U.S. ..
"This number is both a Fax and a voice number. To use it as a fax number, press start (star?) on or before the first ring"..
...

19..
Sx900519_10-- SMUG BYTES..
Sinclair Milwaukee Users Group Newsletter, May 1990, 10pages..
c/o Bill Heberlein_414-527-2191..
--- Editor..
--- 5052 N. 91st Street..
--- Milwaukee;; WI_53225..
..
H: What is the Difference between DTE and DCE configured ports on RS-232 equipment?..
..
H: Tools For Rescuing Your Newsletter..
..
H: New Sinclair Mag. For Desk Top Pub. from Mike Felerski..
...

18..
Sm900519_TSCU_SIG/TCW_8 Meeting..Topics(5):..
1. IEEE Floating Point Standard Committee;; By: Dick Delp..
2. 900514 Borland "C++" seminar;; By: Dick Delp;; TCW Attendees(4): Dick Delp, Dick Hayr, Bill Baker, & Bob Howell..
3. Mark Wahl points out: Z88 ads in June 1990 MacUser Pages 130, & 213 By:..
A: Cambridge North America, CNA_800-888-3723, 207-879-2200 (outside U.S.)..
4 Milk Street..
Portland;; ME_04101..
4. Bill Miller needs help formating a 5.25in 720K MSDOS diskette!..
5. Who wants to attempt to run Minix on an 8088 or 80286 clone..
...

17..
Ss900516_Furman_MM..
SincLink Subscription:..
$15 check to: "SincLink"..
No.: 0680..
Dated: 5/16 1990..
From: Ellen Furman..
For:..
A: Michael Furman_408-245-3418..
--- 1449 Yukon Dr. ..
--- Sunnyvale;; CA_94087..
..
We met with Michael and his mother at the Cupertino Library after he called us and reminded us that this was a GUTSCU/SV Meeting Night..
Since attendance has been low, we did not arrange for an August meeting..
Upcoming meetings at the Cupertino Library at 7:30 PM are (2):..
June 27 (4th Wednesday)..
July 19 (3rd Thursday)..
..
Michael showed us an inventory of his collection of TS Books and Magazines. The collection is in 14 folders and the inventory is 15 pages with a seperate page (or more) for each folder. Michael promised? to try to get the inventory into a file and get it to us either by disk or as an upload to MFSBBS_408-253-2295..
We promised? to try to define the group objectives..
...

16..
Sc900515.1524_Salihue_?C..
Call from: ? Salihue_Tel.:_..
Mr. Salihue found out about us from the San Jose Mercury News. He is interested in Usenet access and info. We suggested (4):..
1. MFSBBS_408-253-2295..
2. PC_UNIX_SIG meets 1st Wednesday at AT&T training center on Duane Av. in Sunnyvale..
3. BTR..
4. NetCom..
...

15..
Sl900514_Desind_RL..
Letter and $2.00 from:..
Ronald W. Desind_305-940-8293, (Sc891010)..
..
"May 10, 1990..
Dear Bill:..
I'm enclosing $2.00 for the December 1984 and November 1987 issue of TIMELINEZ. If they are still available please send them to me..
Hope all is well with you. If you have any new news please drop me a line..
I'm working on a DYNAMITE PRINT DRIVER ASSEMBLY/ PRINTER SET-UP PROGRAM for the Centronics interface. Should be finished with it soon and I'll send you a copy once it's tested..
Best regards,..
Ron Desind"..
..
Ron:..
Good to hear from you again! Thanks for your TIMELINEZ order. We have attached both issues. We have also attached a SincLink with a partial inventory of the SincLink Library. This inventory is not Up- to- date, and the deposits are not current, but it will give you some idea of what we have..
Your Printer Driver/ Set Up Program sounds interesting. Is it for the TS2068? For which Centronics interface? AERCO? Tassman? A&J? WafaDrive?..
We look forward to receiving a copy for the folks in our group

to review and to be added to the SincLink Library..
Perhaps you would be interested in doing a "Print Multiple Columns" program for the TS2068 if that is what you are using. We already have one for the QL, now we need one for the TS1000 & TS2068..
Do you have disk drives? Can we exchange information on disk? We have a partial index to SincLink for 1987, 1988, & 1989 on disk. We are working on a complete index..
Hope to hear from you again soon..
...

14..
Sc900514.1210_Swenson_TC..
Call from:..
Tim Swenson_703-820-6657..
Tim reports he is now editor of the CATS Newsletter and asked us to write an article on the TS (MSDOS?) file compatibility project. The newsletter format is 35 characters per line with a blank line between each paragraph. To bad it isn't 32 characters per line so it could be viewed on TS computers..
Tim hasn't had any luck in including the "space" character in the search strings that he uses with "grep". We told him we suspected Mark Wahl has a fix for that and promised to try to get the information to him (possibly as a message from Mark via UUCP)..
We also told Tim we had printed out all the SLIX Indexes that he sent us using Mark's QL "PMC" (Print Mutiple Columns) program with "Word Wrap" and "Indent"..
The method was as follows (3):..
1. 1989 "index_89";; 176K;; Right Margin: 42;; Columns: 3;; Page Length (Lines): 87;; Pages: (24);; Space between columns: 1;; & Indent: off..
2. 1988..
Filename: "index_88"..
File Size: 52496 Bytes..
Right Margin: 42..
Columns: 3..
Lines per page: 87..
Pages: 9..
Space between columns: 1..
Indent: On (1)..
3. 1987..
Filename: "index_87"..
File Size: 14514 Bytes..
Right Margin: 100..
Columns: 1..
Lines per page: 87..
Pages: 5..
..
Tim reports he will be in this area from June 7th to June 20th and will be married June 16th..
CONGRATULATIONS!!..
...

13..
Sm900512: TCW_TSCU_Sig_7 Meeting..
Topics (6):..
..
BASIC..
Current Software..
Voice recording..
Serial and Parallel cables..
Word Perfect..
Printing and paper alignment..
...

11..
Ss900510_Kealy_JL..
SincLink Subscription:..
$10 check to: "Bill Miller or SLIX"..
No.: 201..
Dated: 5/4 1990..
& Letter from:..
Joan Kealy_Ss900509..
..
"5/4/90..
Dear Bill,..
I hope you can cash this check & give proceeds to proper person if I have not written it to right club. Do all those "?"s mean you can't read my writing? I have 2 drives (not"3") & beginning on Larken system when I get back from Europe. Need only a Controller board. I don't know what my 5 1/4" drive is..
It seems I read out-of-towner subscriptions were still $10.00 can't find where I read it tho..
Solemnly promise to work with you on MSDOS-Larken loads but I have not even unwrapped disk drive Don sent because I have been taking German lessons & practicing saturation learning- tape recorder blurting German in my car everywhere I go & studing at home daily besides. Fortunately, a German National was available for lessons 3 times a week. My "ICH" & "ACH" still sound sickly, but the ole brain is not nearly as ossified as I feared so I have promised a German language tutor program on 2068 by Sept. 1st to all interested tho it may come to you on tape, not Larken Disk..
Regards,..
Joan..
..
Plenty of activity where you are- T/S not moribund at all. Bob Orrfelt wrote "WP32" about 1983- I'd love a copy- How??..
..
I won't be at SMUG fest- I am financially dibilitated & will be a bag lady if I do not discipline myself..
..
Zebra drives are 3" only; hence, LarKen DOS & DDS will help communication"..
...

10..
Sl900510_Griffin_HM..
SLIX Library Loan & Donation by:..
Herman Griffin_415-494-0466 (2):..
1. Loan: Minix (2):..
1.1 Book: "Operating Systems; Design and Implementation. By: Andrew S. Tanenbaum"..
1.2 Diskette container marked: "Minix Binaries and Sources; For IBM PC/AT's" contains diskettes marked: "Minix 1.1"(5):..
1.2.1 "Disk 1;; Boot Diskette"..
1.2.2 "Disk 2;; Root File System"..
1.2.3 "Disk 3;; /usr + /user"..
1.2.4 "Disk 4;; kernel, mm, fs, and h sources"..
1.2.5 "Disk 5;; Tools and Commands Sources"..
1.2.6 Unmarked diskette..
..
2. Donation: Apple III Manuals (9):..
2.1 Owner's Guide (2)..
2.2 Standard Device Drivers..
2.3 Apple Writer III Operating Manual..
2.4 Apple Business BASIC Reference Manual- Volume 1..
2.5 Apple Business BASIC Reference Manual- Volume 2..
2.6 VISICALC Sampler..
2.7 Pascal Programmer's Manual- Volume 1..
2.8 "III E-Z Pieces" Integrated spread sheet, word processing and data base for Apple III Computer..
Herman also gave us possible Minix contacts (2):..
1. Henry Neugass_415-349-7065..
2. Frank Schultz_408-748-0420, (Nixdorf)..
...

9..
Sm900510_SVNet_90 (6.5 x 14) Meeting..
Topic: "Starting a UNIX Software Company, Taking It Through Bankruptcy, & Reviving It"..
By (3):..
1. Chuck Hickey- Starting..
2. Jim Brain- Going through Bankruptcy..
3. Sherman D. (Spike) Kasper- Reviving..
Handouts (5):..
1. "Microport Systems Purchased by Abraxas, Spike Kasper Named President"..
2. Microport_408-438-UNIX Data Sheets (4):..
2.1 "System V/386"..
2.2 "System V/AT"..
2.3 "DOS Merge"..
2.4 Price List..
3. BTR_415-966-1429, BTRBBS_415-967-9443;; Private, permanent, UNIX accounts for sending and receiving E-mail..
4. NetCom_408-997-9119, BBS_408-249-0290;; Unix accounts and "USENET News Reader Commands"..
5. .sh_408-241-8319 (3):..
5.1 "vi People Helper"..
5.2 "vi Cursor Positioning"..
5.3 "Adventures in . . . UNIX" Training Books Price List..
6. Stepstone_203-426-1875. "The Future of Object- Oriented Programming" 900519 seminar price list..
...

8..
Ss900509_Kealy_JL..
SincLink Subscription:..
$5 check to: "Bill Miller or SLIX"..
No.: 203..
Dated: 5/5 1990..
& Letter from:..
A: Joan Kealy_Tel.:_..
P.O.Box 1118..
Bracketteville;; TX_78832..

..
"5/5/90..
Bill...
I found written material re SLIX & SincLink (includes TIMELINE2 I hope) & see that 1yrs. subscription is $15, not $10, so here's a 2nd check for the additional $5.00..
Thanks,..
Joan Kealy..
...

7..
Sc900509_Heberlein_BL..
Letter from: Bill Heberlein_Sx900501;; Re: Sc900424..
..
"05/06/90..
Bill:..
Saw your generous offer in your newsletter. We would be happy to give away any original software you would like to donate. It would be very much appreciated by both SMUG and the winners..
I am sorry no-one from your area will be making the Expo as it is shaping up as a fast moving affair..
Hope to here from you soon..
Well "See You In Milwaukee"..
Bill Heberlein"..
..
Bill:..
Thanks for your response..
There may be some confusion about what we are offering. We are not offering "original" (written by us) software, but rather Timex software for the TS2068 in the original boxes, complete with documentation..
These were donated to the group by Tom Thinesen of Timex Watch Engineering in San Jose..
We suspect the donation would include 1/2 of our "surplus" software (Titles we have ten or more of)..
This consists of titles (6):..
TS2068 Cassettes (33):..

62001 Home Improvement Planner	4
62003 Auto Analyzer	12
63016 Math Wizadry I	3
63017 Math Wizadry II	1
64012 Fun Golf	7

TS2068 Cartridges (6):..

73001 States & Capitals	6

..
In exchange, it would be nice if you could promise to provide us with the names and addresses of Expo attendees..
If this is O.K., let us know. Thanks again for your response, and also for your Sinclair support in the past and for putting on the:..
H: 1990 SINCLAIR COMPUTER EXPOSITION, JUNE 2 & 3, WAUKESHA HOLIDAY INN SCE_414-786-0460..
...

6.1..
Sm900507_TSCU_SIG/TCW_?..
Topic: ?..
...

6..
Sx900505_Pn904_10-- PACC TALK..
Pittsburgh Area Computer Club Newsletter, May 1990, 10pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15033;; USA..
..
Other Contact:..
Timex Sig..
c/o Tom Heatherington_412-678-3227..
..
H: Install 720K/ 1.44MB switch on Teac 3.5in 1.44MB floppy drive..
...

5..
Sc900505_TSCU_SIG/TCW_??
Meeting..
Topics (4):..
1. Mark Wahl's high school networking proposal (it may have a grant of $29,000)..
2. The "UnTerminal"..
3. User Interface confusion at "Arby's"..
4. Can anyone format a 720K 5.25in. diskette under MSDOS?..
...

4..
Sc900504_Anderson_SL..
Letter and 3.5in diskette from:..
The Atlanta Timex/ Sinclair User Group and QL Group..
c/o Steve Anderson_404-929-3875..
--- Contact person..
--- P.O.Box 701..
--- Lithonia;; GA_30058..
..
"4/29/90..

Dear Sirs,..
I wrote a letter to your organization a few months ago, and placed and inquiry about bulletin board programs for the QL. I received a response that someone was writing one in 'c' language. Has anything become of this? If so, then how should I go about getting a copy of this program..
I have a lot of Timex 1000 programs, 2068 programs and hardware, and old newsletters that I have little or no use for, and I am wondering if your club is interested. I am also looking for all the QL shareware files that I can get hold of. How much will it cost me to get a copy of your complete QL library, if I were to provide sufficient disks for the task?..
..
Enclosed, you will find a QL 3.5 inch disk with most of the files I have. Please check to see that you have all these programs in your library. When you have done so, please send me a disk of files in return (postage enclosed)..
Please also send me a list of any QL hardware that you have in your library that can be checked out by club members. As the Atlanta UG is diminished almost to me and two or three others, I have considered the idea of transferring all of the ATSUG memberships to your group (with full payment of your membership dues)..
Thanks for your time,..
Steve Anderson..
P.S. Are there any shareware QL BBS programs, or network managers?..
I'll try to put my next letter on disk. Apologies..
If you need any help of ANY sort, I volunteer my time and services..
Steve"..
..
3.5in 720K QL diskette:..
flp2_AN90004 747/1440 sectors..
Copied to 5.25 720K QL diskette with SLIX directories and indexes:..
flp4 wm90417a
729/1440 sectors

wm90417a_dir	1021
wm90417a_ddr	124
wm90417a_plx	124
wm90417a_alx	124
wm90417a_hlx	124
wm90417a_klx	124
Boot_demo	3977
logo_bin	400
pan_bin	900
demo_bas	46287
data_scr	32768
kermit_doc	41666
poster_maker	2695
check	2479
kermit_bin	24576
kerm	34688
zip_doc	35666
BabyGlobe2_C011270	
babyGlobe_COM11422	
globeCOM	11690
globe_driver	942
LRD_Globe_Dri	942
QLogo_COM	8134
qLW_COM	15534
qMONIX_HEAD	7932
qmonix	1846
quanta_boot	970
composer_bas	23180
fala_tun	3933
qlcrypt2_bas	3213

..
Steve:..
Good to hear from you again! Thanks for the postage ($0.60) and the exchange diskette! As you can see, we were able to read all the files and copy them to 5.25in diskette. We haven't had a chance to look at them all, but it appears some may already be in our library. At any rate, they are all in our library now and are available to subscribers..
..
According to our records, we seem to have mailed a package to you on 890824 which contained (7):..
1. Sc8908 (30?), Sf890824.1822..
2. Sn897t8..
3. Sn894..
4. Sn895..
5. Sn896..
6. 5.25in 720K QL diskettes (2):..
6.1 "wm89627c" 6/1440 sectors
Files (32):..

dosinfo_doc	30084
ts88011t6_doc	167K
sx87c02a_exp	22379
sc87c10a_exp	16835
sk88104a_exp	11430
sp87c03a_exp	2088
sk87a29a_exp	9844
sc87b06a_exp	16835
sc8901_lis	50123
ss89202a_lis	5773
ss89202c_lis	4022
ss89202b_bas	5392
ss89202d_bas	1793
hn891_lis	9540
an891_lis	20280
Qn893_lis	5303
sc8902_lis	39888
sc8903_lis	48148
sc8904_lis	35548
ss89417a_lis	5289
sc8905_lis	29694
rn895_lis	9251
rn896_lis	7815
sc8906_lis	23675
rn894t3_lis	14319
sc8907_lis	17033
rn898_lis	7852
rn897_lis	5541
sc8812_lis	55341

..
6.2 "wm89627a" 93/1440 sectors
Files (73):..

boot	33707
ts88_doc	167K
ts88630a_doc	8408
ts88630b_doc	9884
ts88630c_bas	15691
ts88630d	1111
ts88630e	66
sm88520a_doc	8230
sm88520b_doc	16472
udgs_doc	2048
turtle_doc	4096
hash_doc	2048
cookies_doc	2634
sysvar_doc	4096
crypt_doc	4096
tymnet_doc	2048
guide_doc	4096
threed_bas	2499
bill2_doc	3245
bill_doc	6144
composer_bas	23180
fala_tun	3933
calc_bas	5502
calc_doc	4096
qlcrypt2_bas	3213
qlcrypt_doc	6144
lister_bas	2071
lister_doc	2048
drwebzug_bas	746
maze_bas	9467
qlpic_bas	3499
sa88419a_doc	4096
bt88505a	1734
snoopycal_txt	6912
swtoql_doc	2048
KeyCaps_bas	3107
qthello_bas	7040
saturn_rle	4224
rledecod_bas	818

rledecod_doc	4269
calendar_bas	6546
morse_bas	18214
qwhisf_bas	19840
walpap_bas	335
scrdump_bas	1056
rscable_doc	2048
qlbert_bas	7273
darts_bas	7279
crater_bas	629
henon_bas	342
cube_base	2077
banner_bas	2351
puzzle_bas	1937
clock_exe	15382
bouncinglines	611
games_attack_	79
games_attack_	5000
games_starbst	79
games_starbst	5034
games_grap_bi	656
games_spcode_	1792
games_quiz_te	7408
games_bach_ld	215
games_bach_bi	512
games_trivia_	1787
drwcuper_bas	2264
qldaldr_bas	4612
qldmpgm_bas	48248
qldmdata_scr	32768
qldmlogo_bin	400
qldmpan_bin	900
ts87c24a_doc	6144
ts88726a_doc	2246
sx88_doc	15064
fractals_bas	3467
lotto5_bas	3679
tr886t8_doc	9309

..
These were in exchange for the (2) TS2068 Larken disks you sent us..
Did you receive the 5.25in diskettes we sent you, and if so, could you read them? We suspect not since you didn't mention them. Perhaps it would help if you described your QL system..
What kind of disk interface do you have?..
Do you have ram disk capability?..
Do you have toolkit II?..
Do you have a QL terminal program? (QL Term, or other)?..
Do you have a program to transfer files between QL and MSDOS diskettes?..
Do you have access to an MSDOS machine so that you can format MSDOS diskettes?..
Do you have a printer interface?..
..
In answer to your question about a BBS program for the QL:..
Mark Wahl has promised to send me a file via the MFSBBS 408-253-2295 documenting his progress on this project. I will try to get that file to you when I get it. If you are into long distance telephone bills, you might want to try to get it off the MFSBBS yourself..
You can also try contacting Mark by UUCP (Usenet, Internet) at: mips!svcsl!wahl. To get UUCP access you might try contacting:..
A: Atlanta Unix Users Group (AUUG_404-497-1902)..
P.O.Box 2512..
Norcross;; GA 30091..
You also might try contacting:..
A: Mark Martin Tel.:_ ..
1247 E. Siena Hieghts Drive, Box 295..
Adrian;; MI 49221..
..
About old Timex hardware and software you might have. DON'T THROW IT AWAY! We are working on a project to become a Usenet archive site for Timex Sinclair information and materials. Perhaps you could make an inventory of the items you have similar to our inventory on page 10 and 11 of the attached March 1990 SincLink..
..
For QL shareware files, perhaps we could send you (4):..
1. QL Menu- The SuperBasic program we wrote to help us with SLIX..
2. Mark Wahl's "Search" program written in Metacomco/ Lattice C to help us index SLIX files..
3. Tim Swenson's "Small-C" tutorial with Compiler and sample programs..
4. Tim Swenson's "slix_index" files..
This should just about fill up a 720K disk and keep you amused while you figure out what kind of shareware files you might be interested in..
We will try to create a list of all the directories in our Library, but the library is scattered over many sites, and each site has tens, or hundreds, or thousands of megabytes of shareware files..
The cost is (2):..
1. Free if you send us an exchange diskette..
or..
2. $3 per 5.25in or $4 per 3in plus $3 shipping and handling with out exchange..
If you didn't get or couldn't read the 5.25in diskettes we sent you, we still owe you 2 720K diskettes. If you can't read 5.25in, send us 2 3.5in diskettes and we will put the files on them..
For other QL Shareware files try:..
Quanta Library..
c/o Paul Holmgren_317-291-6002..
--- Quanta Librarian..
--- 5231 Wilton Wood Ct. ..
--- Indianapolis;; IN 46254..
(From: Andy Hradesky_900409)..
..
We don't yet have any QL hardware in our library for check out by members, but we are working on a SCSI host adapter for use with the Insite "Floptical" 720K/ 1.44MB/ 20MB 3.5in floppy disk drive..
We also have a couple of designs for serial to parallel adapters..
..
We would be glad to have ASTUG members as SincLink subscribers. SincLink subscriptions are presently fulfilled with TIMELINEZ..
Please make checks payable to "SincLink"..
..
We don't know of any shareware QL BBS programs, or network managers, but the projects by Mark Wahl and Mark Martin seem like the best bet..
By "network manager", do you mean to manage the QL network system or a more standard network system like UUCP (Unix to Unix Copy Program)..
..
Your letters on disk would be much appreciated..
Thanks for your offer of help! We can use a TON of help getting "SLIX Search (Index)" to work the way we want it to. Perhaps you could also help by writing a user manual for "QL Menu". Hope you will want to join us in the adventure!..

...

3..
Sc900503_Lambert_DL..
Letter from:..
Don Lambert_319-364-4330..
Don sends the money order for Sherman Lee's TS1000 AERCO disk system. We called Sherman and told him we had received the money order (this time signed). Sherman promised to ship the system to Don..
Don also reports he found a letter inside the most recent "SincLink" we sent him. Apparently placed there by the Post Office letter handling machinery or personnel. Don says this is the second occurence. We also found a letter in the latest SMUG BYTES we received. Maybe we need to seal our newsletters on all three sides..
Don plans to contact George Chambers about reading an MSDOS disk on his TS2068 LarKen disk system..
Don says he seems to be having power supply problems with his 4drive disk system. But he has a 2drive system that still works..
...

2..
Sc900502_PC_UNIX_SIG_??
Meeting..
Topic: "The UnTerminal";; By: Advance Micro Research;; AMR_415-594-9991..
Handout (2):..
1. AMR Data Sheets (9)..
2. "The UUNET Tapes- March 1990..
The two 10.5- inch 6250- bpi UUNET tapes have been copied to QIC-24 tape cartridges. These cartridges should be readable on all Sun workstations, on ESIX (Everex UNIX) systems, and probably on most other UNIX systems with 1/4- inch tape drives. Directory sizes are approximations only..
The contents are:"..
..
From UUNET Reel #1 (4cartridge tapes):..
2.1 X/R4;; X-windows R4;; 59MB..
2.2 X/contrib;; X-windows, cont.;; 41MB..
2.3 comp.sources.unix;; 38MB..
2.4 The following directories (27MB):..
2.4.1 comp.sources.games;; 21.0MB..
2.4.2 comp.sources.sun;; 1.6MB..
2.4.3 comp.std.unix;; 4.1MB..
..
From UUNET Reel #2 (4cartridge tapes containing directories):..
2.5 47MB (9dirctories):..
2.5.1 ClariNet;; 0.5MB..
2.5.2 NCSA_Telnet;; 6.5MB..
2.5.3 bsd-sources;; 2.1..
2.5.4 communications;; 5.0..
2.5.5 doc;; 0.4..
2.5.6 GoodNeWS1.2.DE;; 4.0..
2.5.7 citi-macip;; 3.3..
2.5.8 comp.source.misc1;; 3.5..
2.5.9 games;; 1.7..
2.6 56MB (10directories):..
2.6.1 gnu;; 22.0..
2.6.2 ien;; 2.0..
2.6.3 internet-draft;; 0.2..
2.6.4 mail;; 2.8..
2.6.5 netinfo;; 0.3..
2.6.6 graphics;; 5.0..
2.6.7 ietf;; 0.2..
2.6.8 lisp;; 4.5..
2.6.9 net.sources;; 0.6..
2.6.10 networking;; 20.0..
2.7 45MB (8directories):..
2.7.1 networking;; 20.0..
2.7.2 news.vms;; 1.0..
2.7.3 postscript;; 2.1..
2.7.4 pub;; 13.0..
2.7.5 news;; 4.1..
2.7.6 nutshell;; 0.6..
2.7.7 protocols;; 0.5..
2.7.8 pyr-fixes;; 2.8..
2.8 25mb (7directories):..
2.8.1 rfc;; 7.8..
2.8.2 telebit-info;; 0.2..
2.8.3 unix world;; 0.1..
2.8.4 uumap.tar.z;; 1.6..
2.8.5 sun-fixes;; 1.6..
2.8.6 text-processing;; 13.0..
2.8.7 uucp-fixes;; 0.8..
..
Librarian: Donn Fisher 408-946-5075, apple!ga!donn..
...

1..
Sx900501_Mn904_10-- SMUG BYTES..
Sinclair Milwaukee Users Group Newsletter, April 1990, 10pages..
c/o Bill Heberlein_414-527-2191..
--- Editor..
--- 5052 N. 91st Street..
--- Milwaukee;; WI_53225..
..
H: 1990 SINCLAIR COMPUTER EXPOSITION, JUNE 2 & 3, WAUKESHA HOLIDAY INN, SCE_414-786-0460..
..
H: SMUG TS2068 Video Digitizer Problem and Fix;; By: Marty Miller..
..
H: Bill Ferrebee to write "Classic Computer" section of "Computer Buyers Guide"..
...
----------..
Sr900403.0930 Sc9005_END....

Revisn.time: 900502.1011..
Words: 5670..
Organization: SLIX 408-253-3175, MFSBBS_408-253-2295, UUCP: mips!svcs1!slix..
File type: Contacts..
Filename: sc9004..
Left Margin: 2;; Indent: 1;; Right Margin: 32;; Justify: Left..
..
Subject: SLIX contacts and newsletter exchanges for April, 1990 (40):...

39..
Sc900430.1943_Thomas_DC..
Call from:..
Dick Thomas_Tel.: ..
812 West Clover #91..
Tracy;; CA_95376..
Dick found out about us from the San Jose Mercury News..
He just got a TS1000 and 16K RAMpack for $10? at a garage sale. He would like to use it to connect to his IBM PC by RS-232 and control his model railroad. So far he hasn't had any luck LOADing and SAVEing with cassette. Can anyone help?..
Dick is a retiree from Lockheed. He also has a C-64 (with disk drive), & a Gavilan..
..
Dick:..
For an RS-232 interface for your TS1000 try (3):..
RMG 503-655-7484..
AERCO_512-451-5874..
Ed Grey_213-759-7406..
Hope this helps. If none of these cotacts work out, contact us again. Perhaps by that time we will have more information.

Also, it may help others if you keep us informed of your progress..
...

38..
Sc900430.1850_Lee_SC..
Call from:..
Sherman Lee_Sc900413..
Sherman reports that he and Don Lambert have worked out a deal for Sherman's TS1000 AERCO disk system. "The check is in the mail"..
...

37..
Sc900430.1624_Furman_MC..
Call from:..
Michael Furman_408-245-3418..
Michael reports he has resolved to get his grades up so that he can help us with our TS MSDOS disk reading and TS RS-232 file server projects..
...

36..
Ss900428_Hunkins_JL..
SincLink Subscription:..
$15 check to: "TIMELINE2"..
No.: 1066..
Dated: 4-28-90..
& Letter from:..
Jim Hunkins_408-249-1664..
3375 Homestead #15..
Santa Clara;; CA_95051..
..
"April 27, 1990..
RE: New member/ subscription to TIMELINE2..
Gentlemen:..
Enclosed please find a check for $15.00 for a one year membership/ subscription. I am now attending PUG. Could you please start my subscription with the last issue mailed?..
Thank you for your time..
Sincerely,..
James Hunkins..
P.S. I have enclosed a short note as to a problem fix with a QL program which you might be able to use in Timeline2"..
..
Jim:..
Thanks for subscribing!..
Checks should be made out to "SincLink", but we will try to deposit your check in the SincLink account and start your subscription with the January, 1990 issue of TIMELINE2, if that is all right with you..
Also, it would be helpful if you would upload newsletter items to the MFSBBS_408-253-2295. That way, we don't have to retype them..
..
H: WANDERER on DISC DRIVE-SOFTWARE WORKAROUND..
When running the game Wanderer from disk drive using the QL Trump Card interface, the disk drive stays on after the game is loaded. While this does no harm, it is annoying..
The problem seems to be related to an access to part of the QL operating system by the Wanderer program before the disk drive is turned off. For some reason it prevents the drive from turning off..
The fix is very easy. By adding the following line to the boot up file, Wanderer is not started until after the drive is halted. This results in correct operation..
..
83 PAUSE 200..
..
[note that the boot file must have the 'mdv' references changed to 'flp' and the original microdrive program must still be in the machine for the program to run. . .]..
...

35..
Sc900430_Swenson_TP..
Package from:..
Tim Swenson_Sc900430.1300..
Package contains (7):..
1. "Dear User Group";; 1page (typeset)..
2. "Dear User Group";; 1page (dot matrix)..
3. "Small C Compiler";; 19pages..
4. "QL Small C Companion";; 4pages..
5. "ED";; 11pages..
6. 5.25in diskettes (copied on to SLIX diskettes with (7): disknames, & files (6): directory (_dir), directory with description (_ddr), people and phone number index (_plx), address index (_alx), headline index (_hlx), & keyword index (_klx)) (2):..
6.1..
DFilename_ext BYTES New Filename

```
flp4_wm90417c
903/1440 sectors
 wm90417c_dir    230
 wm90417c_ddr    124
 wm90417c_plx    124
 wm90417c_alx    124
 wm90417c_hlx    124
 wm90417c_klx    124
 slix_doc       4200 Se90501a
 Index_87      14514
 Index_88      52496
 Index_89        176K
 slix_index       562
 slix_keywords   1610
 readme_doc      2048 Se90501b
6.2..
flp4_wm90417b
964/1440 sectors
 wm90417b_dir   1450
 wm90417b_ddr    124
 wm90417b_plx    124
 wm90417b_alx    124
 wm90417b_hlx    124
 wm90417b_klx    124
 cc             42222
 cg             27472
 lg             16076
 mc_obj          1147
 std_lib        15587
 stdio_h          273
 sieve_c          679
 readme1_doc    21900
 readme2_doc    20382
 default_bas     1355
 sort_c          7824
 compan_doc     13059 Sc90501h
 newlib_lib      1628
 demo_c           471
 dtoi_c           401
 itoo_c           538
 left_c           164
 otoi_c           364
 pad_c            204
 sign_c           157
 toascii_c         75
 xtoi_c           451
 ed             21548
 ed_doc         27113
 c1_doc          2048 Sc90430a
 c2_doc          2354 Sc90430b
 c3_doc          4096 Sc90501c
 c4_doc          4096 Sc90501d
 c5_doc          4096 Sc90501e
 prog1_c           98
 prog2_c          195
 prog3_c          159
 prog4_c          215
 prog5_c          346
 prog6_c          812
 find_c          1211 Sc90501f
 find_doc        4096 Sc90501f
..
Se90501b:..
Subject: Explanation of
```

diskettes containing SLIX index and SLIX files;; By: Tim Swenson....
Dear User Group,..
..
Enclosed you will find two disks containing the SLIX index and the SLIX files. Since I extracted your user group name and address from SLIX, I am sure you have heard of SLIX and of Bill Miller. This index is my own implementation of an indexing scheme for the SLIX files..
The disks are in 720K QL format. I can also provide them on 40 track QL and IBM 360K format. If there is some other format you need, contact me and we can talk about what other formats I can put the files on. I have access to a number of different computers and formats..
On the index disk is a quill document that fully explains what SLIX is and explains the index and how to read it..
I hope you find the index usefull. If you have any questions please feel free to contact me..
..
..
Tim Swenson..
4703 W. Braddock Rd. #104..
Alexandria, VA 22311..
(703) 820-6657..
Internet:
tswenson@dgis.dtic.dla.mil..
....

Se90501a:..
Subject: SLIX Index;; By: Tim Swenson..
..
What is SLIX?..
..
SLIX stands for SincLink Information Exchange. SincLink is the original newsletter of the Group Using Timex/ Sinclair/ Cambridge/ Unix of Silicon Valley. To put it plainly, SLIX is a list and sumation of contacts made to GUTSCU/SV. Bill Miller of Cupertino, CA is the main Point of Contact for GUTSCU/SV for outside users. Bill has kept a "diary" of contacts made to him and the group. He records who contacted him, when they contacted him, method of contact (phone, letter, etc), and the general idea of the conversation..
This "diary" is then published in SincLink (later TimeLinez and then by itself) in the hopes that others will see a topic of interest and can contact the person mentioned in SLIX. If Bill can not answer a question, a plea is made to the general readership hoping that someone can answer the question..
..
Need for indexing..
..
Over the years Bill has accumulated a wealth of information that can be very usefull for many Sinclair users. Just scanning through a SLIX file, one can see many persons interested in a variety of Sinclair subjects, all the way from the beginning user to the advanced programmer. With the number of Sinclair users shrinking, it is hard to find the people the help you on a problem..
The biggest problem with SLIX is if you want to find something, you have to read the entire file. And not just one file, there is one file each month for many years. An indexing scheme was needed to make this data a little easier..
Bill has some grand ideas about how to index SLIX. Most of them easy to use, but computing intensive. While Bill is still deciding on how to best index SLIX, I decided to create a very simple index..
..
Index Impementation..
..
The easiest way that I knew to index the files was to write a Unix C shell script that will do the job. I ported the slix contact files over to a Sun 3/280 running Unix and used them in my program. Included on the disks is the shell script that I used on the Sun. It is slix_index. If you know Unix you can see exactly how I implemented the index..
..
Files..
..
The following files are on the disks:..
..
scyymm_lis - Slix Contact file. These are the monthly files that the index was created from. Part of the file name is the year and month of the file..
Index_yy - Index files for each year..
slix_index - The index shell script..
slix_keywords - The keywords used in indexing..
..
How to use the Index..
..
Each index file is in the following form:..
..
keyword..
file_name..
line #:
line..... ..
..
..
file_name..
line #:
line..... ..
..
..
For each keyword, there is a list of all files and lines that contain the keyword. The index tells you what files the lines are from, the line number of the lines, and the lines. If you want to find the instance of the keyword, open the specified file and goto the line number specified. All files are in reverse order. The most recent file is the first indexed..
If this explanation has you confused, look at the index and it should be clear how to use it..
..
..
I hope that you find the index usefull. If you have any questions, I may be contacted at:..
..
Tim Swenson..
4703 W. Braddock Rd. #104..
Alexandria, VA 22311..
(703) 820-6657..
Internet:
tswenson@dgis.dtic.dla.mil..
....

...

34..
Sc900430.1300_Swenson_TC..
Call from:..
Tim Swenson_703-820-6657,
Internet:
tswenson@dgis.dtic.dla.mil..
Tim reports he has sent us a package containing "Small C", and "SLIX Index" material. He mailed it Thursday and suspects we will get it today..
Tim also reports he has purchased two more computers to add to his computer collection: a TI99/4A, and a TRS-80 Model 4P. He says TRSDOS seems a little strange..
...

33..
Sc900428_Sharp's_CS..
Catalog sheet from:..
Sharp's_804-730-9697..
QL Books at $2.99 each (Shipping on 1st book: $1;; Additional books: $0.50 each) (22)..
QL Computer: $89.95 (S & H: $10). (Comes with manual, power supply, Psion software)..
MDV Cartridges: $11.95 for 2..
...

32..
Sc900428.1000_TSCU_SIG/TCW_10 Meeting..
Topics (3):..
1. Ribbon Reinking;; By: Jay Brockman..
Jay has a multicolor ribbon reinking attachment..
2. He also discussed "What did you do before your hard drive crashed?"..
3. Changing partitions on 286 Clone hard drive;; By: Dick Delp..
Dick wants to change:..
From:..
20MB PC DOS..
&..
20MB UNIX..
To:..
10 MB PCDOS..
10MB Extended DOS..
&..
20MB UNIX..
without reformatting or disturbing the UNIX partition. Can anyone help?..
Question;; By: Fred Waters:..
"What is the difference between Bit Mapped Graphics and Vector Graphics?"..
Does anyone want to comment?..
...

31..
Sc900425_SLIX_XN..
Note to:..
SLIX eXchange participants (4):..
PACC TALK..
SNUG NL..
BoSTUG NL..
CRAGIST NL..
..
As you can see from page 10 & 11 of the attached March 1990 SincLink, we have begun an inventory of items in our Library..
SNUG and CRAGIST have also begun to inventory the items in their Libraries and have sent us lists. The CRAGIST list is on diskette! We wish to thank these groups for their efforts so far!..
The purpose of this note is to suggest that we all continue to inventory our Libraries and exchange inventory lists, preferably on diskette..
Hope to hear from you soon..
...

30..
Sc900424_Heberlein_BN..
Note to:..
Bill Heberlein of SMUG BYTES and 1990 SINCLAIR COMPUTER EXPOSITION, JUNE 2 & 3, WAUKESHA HOLIDAY INN SCE_414-786-0460..
..
Bill:..
Perhaps we could donate some of the TS2068 software that we have a surplus (more than 10) of to the Exposition..
Perhaps you could let us know which titles you would prefer..
Hope to hear from you soon..
...

29..
Sc900423_Greer_AL..
Letter from:..
A. Greer_Tel.:_ ..
P.O.Box 79008..
Tampa;; FL_33619..
..
"I have a Timex Sinclair 2068 with the 3" Zebra Disc Drive and the 64K controller with CPM and a Zebra Interface. The CPM I cannot get to work..
I also have the Amdex Duel Disc Drives but I can't get them to work with the Zebra Interface and I can't find out why. They work great with the Zebra drives. I have the Timex Spectrum ROM chip with the oper/ system in one chip. Well it worked for just about 3 weeks then it died a slow death and the people that we got it from refused to answer my letter..
I also have a QL Sinclair with the QL monitor. I am looking for Hardware and Software for both machines..
I also need to find a MODEM program (1200 BAUD)..
Can you tell me where I might find instructions for Front Page for the QL. It didn't have them when I got the program..
Thank you..
A. Greer"..
..
Mr.? Greer:..
Thanks for your interest!..
How did you learn about us?..
For help with your Zebra Disc System you might try (2):..
1. Jack Dohany_404-543-5309, or..
2. Bob Orrfelt_415-369-9136..
..
For TS2068 repairs, try:..
Dan Elliott_314-739-1712..
..
For Hardware and Software, check the SLIX Library Inventory (Page 10 & 11 of the attached March 1990 SincLink). The deposits listed are not up to date. If you wish to borrow something, cotact us again for the current deposits..
..
What machine do you need the MODEM program for? We are working on a BBS program for the QL..
..
Perhaps one of our other readers can help with the "Front Page" instructions. We don't seem to have them in our Library..
..
Hope this helps. If these leads don't work out, contact us again. We may have more information by then..

...

28..
Sc900422_TSCPUG_10 Meeting..
Attendees (11): Bill Miller, John Hancock, Don Moser, Mockridges (2): George, & Sonjia, Norm Lehfeldt, Wahls (2): Mark, & Natalie, Jim Hunkins, Bob Orrfelt & Walt Johnson..
Bill reported on (7):..
1. His "Family History/ Genealogy" project..
2. Mark's Network Proposal..
3. The QL SCSI Host Adapter project..
4. "ca.earthquake" printout..
5. "PKZIP" printout..
6. Need someone to reink ribbons..
7. SLIX Library Policies and Items available for loan..
Bob reports that Jack Dohaney has the "Z.A.D."- Zebra A to D board for the ZX81/ TS1000/ TS1500/ 2068 available..
Norm had a 1200bps MODEM FOR SALE for $35 but Walt bought it..
Jim is working on sound for the Z88. He also promised to see about getting some of the files on the Torrance Z88 BBS copied to the MFSBBS..
Mark asked for some help in getting the QL's 68008 out of supervisor mode so he can do a disk write to save the machine status after it has crashed. Jim promised to check into it and see if he could get an answer by next meeting..
Walt reported on using his Z88 for a "prompter" for a live lecture. He also demoed his "self locking and unlocking" knot..
John demoed the Music Programs used (on TS1500s!!) in some of the classes he teaches at College of San Mateo..
Handout:..
"COLLEGE OF SAN MATEO..
..
Computer Assisted Instruction in Music (C.A.I.M.)..
A joint project of John Hancock and Ken Harrison..
..
..
Mindful of the growing use of Compputer Assisted Instrution in all branches of education and pressed with a need to move some of the "drill practice" outside the classroom, we opened the C.A.I.M. lab in the Spring of 1984. At a cost of under $500 (plus many hours of donated time) using "home grown" software and the least expensive computers available (Timex- Sinclair 1500's) an experimental lab consisting of three student stations was set up in a piano practice room. Borrowed television sets were our first monitors and the quality of the monaural sound on the heavy headsets left a lot to be desired..
..
But in spite of everything, it worked! Students in the Musicianship classes were the prime users. They were excited by the new ear-training benefits they were receiving. We began to hear comments like "Whatever did you do before you had this!?"..
..
In addition to the lab, the use of a computer and large-screen monitor in the Music Fundamentals classroom has made possible pitch and key-signature "flash cards" in an effective "modern-media" format. Recently, we have begun using the classroom computer for melodic and rhythmic dictation, since it can be more random than an instructor and most consistent in timing accuracy. Another advantage is that the instructor is free to move about the students during dictation sessions so as to be able to detect individual problems..
..
During the Fall of 1984 and the Spring of 1985, the programs and facilities were expanded and improved through the help of two Trustees' Fund for Program Improvement grants. Several new programs were written and the original ones were upgraded. Monitors replaced the old TV's for better displays. PC boards which plugged into the computers to produce four-voiced sound were customed designed (labor donated). These made chord- based programs possible since four tones could now be sounded at once. This is a feature which many existing CAIM labs can't duplicate even with commercial software and equipment in the many-thousands- of- dollars range!..
..
By Spring of 1985, the lab had a total of 20 programs in its library; six levels of rhythmic dictation, seven levels of melodic dictation (three of those with both pitch and rhythm), three different interval drill applications-- and four more programs with polyphonic capability-- triad recognition (triads) only, chord recognition (triads, seventh, circle five/ nine chords), and two interval drills (simple and simple/ compound)..
..
The following year, the lab was moved upstairs to a former office (2- 208) and three computers and monitors were added for a total of six student stations. Now we had the luxury of an adequate sized room, and windows!! A time clock was donated by a student for which custom time cards were printed by Central Duplicating bearing the lab logo. An 880 course was established...Music Computer Lab..
..
Early in 1988, six carrels which were no longer needed in building 18 were installed to replace the rather bulky tables and offer more of a sense of "private space" for each student..
..
From time to time, suggestions for software additions and improvements have been offered by both students and faculty. These have been implemented whenever possible as updates or, in some cases, completely new programs. We are obviously excited about and proud of our facility and of the educational advantage it has been providing for so many of our students over the past seven years"..

...

27..
Sc900421_Bibby_SM..
Meeting between Steve Bibby, Steve Nichols, & Bill Miller to discuss QL SCSI Host Adapter PC Board design using "PCad"..
...

26..
Sc900421_TSCU_SIG/TCW_8 Meeting..
Topics (13):..
1. "On Demand" retail software sales;; By: Fred Waters..
ComputerLand keeps retail software on a hard drive and copies it to a disk "On Demand" and puts it in a sealed package and delivers it to the customer. The transaction is loogged into the distributor by MODEM and the manual is mailed from the distributor..
2. "Arby's" is using computer terminals, operated by the customer, to take orders for fast food..
Reported by: San Jose Mercury News 900421..
3. "NeXT is best computer to use for publishing" Brochure passed around by: Fred Waters..
4. By: Bill Miller (6):..
4.1 Genealogy;; We are investigating "Standard" Record Formats and Data Structures. Can anyone provide examples and perhaps source code?..
Passaround: Farnsworth Family Lineage (2):..
4.1.1 Typewritten..
4.1.2 Computer (QL) text file..
4.2 Network Proposal. Mark Wahl promises to upload his "Report of the Committee on an Alternate Network Design for Freemont High" to the MFSBBS in a few days. The report was passed around..
4.3 QL SCSI Host Adapter design..
Who can help with any Analog problems we may have or do the refresh engineering for DRAM the board may have..
4.4 Passaround: "Eq90420_lis 52608" 10pages describing (in part) the "swarm" of Silicon Valley area earthquakes on April 17, 1990..
From: MFSBBS "Earthquake.0420"..
From: uunet!svcsl newsgroup ca.earthquake;; GMT: 900419.201622 to 900408.001323..
4.5 Passaround: "PKZIP" documentation;; 90pages;; From: Andy Hradesky..
4.6 Ribbon Reinking;; Some of the Passarounds were a little light. Who can reink ribbons?..
5. New attendee: Linda Bables..
Linda would like to be able to get an assembly listing of the code the C compiler she is using is putting out. All she can get is the binary code. Linda is using a C compiler from Germany on her C64. She wrote the author a few weeks ago, but so far hasn't got a response..
6. Bill Baker is looking for help controling the display colors in MSDOS MicrSoft C. He has contacted MicrSoft but they haven't solved the problem yet. Can anyone help..
7. Dick Delp asks if anyone has received the "PC Tools 6.0" upgrade?..
8. An attendee needs an MSDOS stamp cataloging program. Does anyone have any suggestions?..
..
S1900421_Attix_BD..
SLIX Library Donation from:..
Bob Attix Sc900408 (4):..
TS1000s (2) with power supplies, no manual, Bob could not get them to work. Serial Nos.:..
P461072SP..
P565339SP..
16K RAMpack, untested..
Book: Timex Sinclair BASIC Primer with Graphics..
...

25..
Sc900418_GUTSCU/SV_1 Meeting..
Topic: Where is everyone?..
Upcoming meetings at 7:30pm at the Cupertino Library (3):..
May 16 (Third Wednesday)..
June 27 (Fourth Wednesday)..
July 19 (Fourth Thursday)..
...

24..
Sx900416_Pn904_8--- PACC TALK..
Pittsburgh Area Computer Club Newsletter, April 1990, 8pages..
c/o Ralph Vasko_412-379-8762..
--- DBase VP..
--- One Virginia Drive..
--- Donora;; PA_15033..
..
Other Contact:..
Timex SIG..
c/o Tom Heatherington_412-678-3227..
...

23..
Sx900416_Tn903_6--- TIMELINEZ..
TIMELINEZ Newsletter, March 1990, 6pages..
c/o Andy Hradesky_408-270-9730..
--- Managing Editor..
--- 2175 Aborn Rd., #262..
--- San Jose;; CA_95121..
...

22..
Sc900415.1731_MFS_NT..
MFSBBS_408-253-2295 Network Transaction (download)..
MFS Filename: Gift.txt..
SLIX Filename: TS1don..
Subject: TS1000 donation..
To: Timex-Sinclair Users of Silicon Valley..
From: D. James..
Sub: Want a Timex-Sinclair Computer??..
Hi There. My co-worker asked me to find a home for his dormant Timex-Sinclair 1000 (?). It was working fine when he put it in the drawer several years ago...should be ok. I don't know if there's any additional devices for it. He just wants to pass it along to anyone that will use it, as he's lost interest. I can be reached at any of the following address'.:..
Compuserve #72210,553..
P.O.Box # 3575..
Santa Clara, Ca..
95055-3575..
H. T. Electronics BBS (after the store closes)..
..
Mr. James:..
Thanks for the offer!! We will print the offer in our newsletter (this record) and perhaps someone will contact you..
If not, perhaps your co- worker could contact us before he dumps the TS1000 in the "dumpster" and we could pick it up and add it to the group Hardware Library..
Thanks again for the offer!!..
...

21..
Sc900414.1854_Lee_SC..Call from: Sherman
Lee_Sc900413.0919..
Sherman reports that the non-signed money order was a mistake and to send it back to Don Lambert..
Sherman also still cannot get the TS1000 AERCO disk system to work, but is going to try another 16K RAMpack as soon as his family mails it to him..
...

20..
Sx900414_Nn903_10-- SNUG NL..
Sinclair Northamerica User Group Newsletter, March 1990, 10pages..
c/o Paul Holmgren_Tel:_?..
--- Head Troll..
--- 5231 Wilton Wood Ct. ..
--- Indianapolis;; IN_46254..
..
TS ShareWare (Public Domain?) Software Scource List (14):..
By: Pete Fischer..
..
TS_BBS_1-708-576-7072;; By: Pete Fischer..
..
UPDATE TS Magazine to be edited and published by:..
UPDATE Computer Systems..
c/o Frank Davis_1-317-473-8031, 6-9pm..
--- P.O.Box 1095..
--- Peru;; IN_46970..
..
SNUG TS PD Library..
18disks:..

Disk Name	Files:..
PD1	60..
PD2	51..
PD3	49..
PD4	47..
PD5	51..
PD6	59..
PD7	42..
PD8	45..
PD9	43..
PD2-1	41..
PD2-2	55..
PD2-3	45..
PD2-4	41..
PD2-5	51..
PD2-6	44..
PD2-7	44..
PD2-8	41..
PD2-9	36..

For complete list contact:..
SNUG Library..
c/o Frank Davis_1-317-473-8031, 6-9pm..
--- Head Librarian..
--- 513 East Main St. ..
--- Peru;; IN_46970..
...

19..
Ss900414_Carpenter_FL..
SincLink Subscription:..
$15 check to "TIMELINEZ"..
No.: 3532..
Dated: April 11, 1990..
& Letter from:..
Fred M. Carpenter_Tel.:_?..
713 Birky Place..
Fort Collins;; CO_80526..
"9-11-90..
Dear Mr. Miller:..
Either my check stub numbers are fouled up, or I failed to include the $15.00 check in yesterday's letter- Sorry!..
Fred M. Carpenter"..
..
Fred:..
Your check stub numbers may be fouled up. We will return your check number 3531. Perhaps that will help you figure out your numbering system..
Checks should be made out to "SincLink". We will try to deposit your check in the SincLink account, add you to the SincLink subscription list, and begin your subscription with the Jan. 1990 TIMELINEZ, if that is all right with you..
Do you have a disk system? Can we exchange information on disk? Hope to hear from you soon..
...

18..
Sc900414_SV_PAF_UG_150?
Meeting..
Silicon Valley "Personal Ancesteral File" User Group Meeting..
Attendance: about 150 (11rows of 14each, they have about 242members and are growing at about 30members/ month)..
Topics (4):..
1. Computer experiences..
2. BBS..
3. Database manipulation..
4. PAF Documentation Guidelines;
Speakers (3):..
4.1 .0938 Carol Harless..
4.2 .1007 Bill Minnick..
4.3 .1044 Louise Salmon;;
Questions: What is? (3):..
4.3.1 Field?..
4.3.2 Menu?..
4.3.3 Carriage Return?..
Handouts (4):..
1. SV_PAF_UG Memership Application Form (1page)..
Contact (2):..
1.1 4417 Pitch Pine Ct.;; San Jose;; CA_95136;;
Tel.: 408-578-4619..
1.2 1018 Harlan Ct.;; San Jose;; CA_95129;; Tel.: 408-446-2149..
2. "Genealogical Fair.. April 20 & 21, 1990" flyer;; 1page..
Information: CGS_415-777-9936, 415-474-2868..
3. "PAF Documentation Guidelines";; 5pages..
4. "PAFinder" Newsletter;; 2pages;; Bylaws;; 4pages..
...

17..
Ss900413_Carpenter_FL..
SincLink Subscription:..
$15 check to "TIMELINEZ"..
No.: 3531..
Dated: April 11, 1990..
& letter from: Fred Carpenter_Sc900405..
"4/11/90..
Dear Mr. Miller:
Thanks very much for your information on a possible source for "SCLD" chips. A letter to "CATS" is in the mail..
Following your suggestion, the Zx81 works on UHF channel #33. Of course, it took me two hours to find my T.V. manual in order to activate UHF channels. Presently the Zx81 operates with a mild background screen flutter, but I can live with that..
During my search for the T.V. manual, I found an ad from ZEBRA SYSTEMS (1988) for this model Zx81 in kit form. At one time I read something which leads me to believe this kit was intended for the Spanish market. The history of my used Zx81 is unknown..
Enclosed find a check for $15.00 for a subscription to "TIMELINEZ"..
Sincerely,..
Fred M. Carpenter..
...

16..
Sc900413.0919_Lee_SC..
Call from: Sherman
Lee_Sc900406..
Sherman can't get the TS1000 AERCO disk system to work..
We suggested contacting Don Lambert to see if they can work something out and also to see if the non- signed money order was a mistake..
...

15..
Sc900410.1532_Hradesky_AC..
Call from: Andy
Hradesky_Sc900403.1230..
Andy reports he was able to get a Sam's ComputerFacts "TS2068 Technical Service Data" Manual, 30pages;; List price: $24.95..
Andy also has a 300 BAUD MODEM FOR SALE, best offer..
...

14..
Sc900409_Kuster_RB..
SLIX Library Borrow by: Bob
Kuster_408-842-3477..
Bob checked out (4):..

P/N	Title.....	Dep
61002	Vu-3D.....	$5
61003	Quadra-Chart.....	$5
62009	Personal Portfolio Manager.....	$5
63000	Flight Simulator.....	$5
Total.....		$20

...

13.1..
Sc900409_UCL_PC..
Package of 9004 catalogs (2) from:..
Used Computer Locator..
c/o Kenneth
Wilkinson_513-751-6415,
1-800-359-7160 U.S. & CANADA..
--- Editor-in-Chief..
--- 2314 Iowa Avenue..
--- Cincinnati;; OH_45206..
...

13..
Sc900409_Lambert_DL..
Letter and Money Order for Sherman Lee's TS1000 AERCO disk system from: Don
Lambert_319-364-4330..
Don reports that what he bought was the TS1000 in a big keyboard (Suntronics), AERCO disk drive with one Shugart SS disk drive, and Memotech Ram..
Don plans to use it to try to read an MSDOS disk with the TS1000..
...
12..
Sc900408.1024_Attix_BC..
Call from: Bob
Attix_408-688-0772, (# 880606.0918)..
Bob found out our group still existed from the San Jose Mercury News..
He lives in Aptos, and he called a couple of years ago about getting his TS1000s (that he got mail order) to work..
He never was able to get together with us and now wishes to donate his TS equipment to the SLIX..
He has: (2) TS1000s with power supplies and manuals and a 64K memory..
He will try to bring it to the 900414_TSCU_SIG/TCW Meeting and give it to Bill Miller or Mark Wahl..
..

11..
Sc900407.1005_TSCU_SIG/TCW_12
Meeting..
Topic: "Amiga Desktop Video";;
By (2):..
1. Clause Wiebe_408-578-2485..
2. Jim Plant;; Of: HT Electronics HT_408-737-0900..
Computers in attendance (2):..
1. Clause Wiebe's Amiga 2000 with 40MB hard drive and 68030 accelerator board..
2. HT Electronics' Amiga 2000 with 40MB hard drive and 3MB RAM..
Handout: "Avid" The Amiga- Video Journal, Volume #1 Issue #1 April 1990 Premier Issue, 24pages..
c/o Jim Plant_408-252-0508..
--- Editor & Publisher..
--- 370 Altair way #207..
--- Sunnyvale;; CA_94086..
...

10..
Sc900406.1756_Lee_SC..
Call from: Sherman
Lee_408-866-5550..
Sherman reports he has sold his TS1000 AERCO disk system to Don Lambert..
...

9..
Sx900406_On903_12-- BoSTUG_NL..
Boston Computer Society Sinclair/ Timex User Group Newsletter, March 1990, 12pages..
c/o Joyce Blaho_Tel:_..
--- Newsletter Exchange Contact..
--- 971 Fellsway..
--- Medford;; MA_02155..
..
Other Contact:..
Richard Taylor_Tel:_..
309 Holly Cir. ..
Tiverton;; RI_02878..
..
BoSTUG becomes:..
New England Sinclair QL User Group (NESQLUG)..
..
QL- Amiga QDOS machine supported by Germany's Sinclair QL User Club which puts out the QUASAR newsletter and "is promoting interchange with user groups throughout the world"..
...

8..
Sc900405_Carpenter_FL..
Letter (with SASE) from:..
Fred Carpenter_Tel.:_..
713 Birky Place..
Fort Collins;; CO_80526..
"Address source - COMPUTER SHOPPER..
4/2/1990..
Dear Sirs:..
I need help! Besides being a self-taught beginner in the T/S computer arena, I am a casual collector of T/S "odd-ball" models. Last year I acquired two: (1) a TC-2068 or "Portugal - 2068" (has a SPECTRUM edgecard); and (2) a SINCLAIR Zx81, made in UK..
Regarding (1), according to the seller, the TC-2068 was plugged into a TS-2068 power supply and the input power resistor is out. According to a T/S repair service: "The symptons you describe with the TC-2068 are usually caused by the SCLD chip." The repair service was short on time and out of parts..
Regarding (2), the Zx81 lacks any "ch.2 or ch.3" seclector switch and I believe it was built for a non- U.S.A. channel frequency..
Can any T/S expert provide suggestions or information or a

T/S repair service, which would improve either or both of the above?..
Sincerely,..
Fred M. Carpenter"..
..
Fred:..
Thanks for the SASE!..
For general TS repairs, we have heard good reports on:..
K: TS Repairer:..
Dan Elliott_314-739-1712..
For a source of "SCLD" chips, try CATS (Listed in the attached sample TIMELINEZ/ SincLink Dec. 1987)..
For ZX81 video, try UHF somewhere around channel 32..
If these don't work, contact us again and we may have some other leads by then..
Hope this helps. It may help others if you keep us informed of your progress..
Hope to hear from you again soon..
...

7..
Sc900405.1103_Thinesen_TC..
Call from: Tom Thinesen_Tel: _ of Timex Watch Engineering in San Jose..
Tom reports he has 3 boxes of TS Software and Hardware that he is going to throw in the "dumpster" if no one comes to pick it up. We promised to pick it up this afternoon..
See "Sd90405"..
Thanks Tom!!..
...

6..
Sc900404.1900_PC_UNIX_SIG_$ Meeting..
Topics (2):..
1. SVCS1 is now operating on it's second $4800 of funding (approx. 9- 10months). Feed from Apple was discussed again..
2. FIVER Archive Server;; By: Bob Palowoda..
Handout: 2pages from:..
Fiver Communications..
4127 Bay Street #C210..
Freemont;; CA 94538..
NOW A MULTI-USER BBS..
This is a XBBS (UNIX BBS) Release 7.9.0..
(May 17, 1988)..
Operating ESIX Version 5.3.2..
150Meg..
24hrs a day/ 7days a week..
Lines (2):..
Tel.: 415-623-8809, Data 1200/ 2400..
Tel.: 415-623-8806, Data 1200/ 24007 9600/ 19200PEP..
UUCP path: (sun!daisy) !ys2!fiver!palowoda..
pacbell !indetech!fiver!palowoda..
...

5..
Sc900404_Stoicheff_DC..
Card from:..
D. K. Stoicheff_Tel: _..
605 Montgomery..
Laurel;; MD_20707..
"Bill:..
Where can I locate add- on equipt (RAM, etc.) for T1000? Any dealers that still specialize in this?"..
D. K.:..
Thanks for your interest! How did you learn about us?..
For TS1000 add- ons, try:..
RMG_503-655-7484..
What do you use your TS1000 for?..
We have attached a sample TIMELINEZ/ SincLink Dec. 1987 issue. Hope you find it interesting. Perhaps you would like to subscribe..
...

4..
Sx900403_Mn904t3_10 SMUG BYTES..
Sinclair Milwaukee Users Group Newsletter, March April? 1990, 10pages..
c/o Bill Heberlein_414-527-2191..
--- Editor..
--- 5052 N. 91st Street..
--- Milwaukee;; WI_53225..
...

3..
Sc900403.1230_Hradesky_AC..
Call from: Andy Hradesky_408-270-9730..
Andy reports he has received his 2400 bps MODEM and can now start to test Mark Wahl's QL BBS program. Andy promised to upload a file to the MFSBBS_408-253-2295 to inform Mark of this (File: MarkWahl_lis)..
He also reports Halted_408-732-1573 Electronics has the "MAD 186" XT compatible for $39.95!! (No keyboard, display, disk drives, or power supply; but they do have: 512K RAM, a disk drive port, two serial ports, one parallel port, a monochrome/ CGA display port, a modular telephone connector type keyboard port, and one expansion slot)..
These might make good TS file servers with a Shugart ST-02 SCSI/ floppy controller in the expansion slot..
...

2..
Sc900402_HTC_CS..
Catalog Sheet from:..
HTC_203-263-3958, 9am- 5pm..
9 Union Square, STE. 129..
Southbury;; CT_06488..
..
FOR SALE (2):..
TS1000 Computer System;; $20..
360K 5.25in floppy drives, full or half hieght;; $15..
...

1..
Sc900401_Swenson_TC..
Time: .1737- .1812..
Call from:..
Tim Swenson_703-820-6657..
Tim reports he has received the SincLink 902t1 and diskette we sent him and he was able to read all the files on his Sun workstation. He also received the Feb. 1990 TIMELINEZ..
Tim is also in contact with George Chambers of the Toronto Timex Sinclair Users Group and reports that Hugh Howie_416-634-4929 of the Toronto Group is able to read QL disks. We decided to continue to exchange information on MSDOS diskette since these seem the most compatible with all the various file systems available for Sinclair computers..
Tim promised to send us his "Small C" documentation on paper and diskette. He also promised to look into formatting a 5.25in 720K MSDOS diskette on a friend's AT&T 6300+..
Tim is looking for some 5.25in 720K (80track) disk drives. We suggested:..
ICS_805-257-6900;; $39.50;; Computer Hot Line Feb. 23,

1990..
...

Sr900403.0935 Sc9004_END....

0..
Record Formats (2):..
...

0.1..
Sx90mmdd ?n90m p--- Newsletter name?..
(?= Newsletter identifier (system)..
p= number of pages)..
Group? newsletter, Issue?, number of pages?..
c/o Name_first? Last_acd-tel-numb? (or "_Tel.: ")..
--- Position?..
--- Address?..
--- City?;; ST_zipcd-9dig?..
--- (COUNTRY?)..
Contents (?):..
page?. Article description?..
..
Comments?..
...

0.2
Sc90mmdd_LnameFD..
(Time: .HHMM to .HHMM..)..
Contact description? from:..
A: First_name? Last_acd-tel-numb? (or "_Tel.:)..
Street Address?..
City?;; ST_zipcd-9dig..
Comments?..
...

Sr900403.0934 Sc90c32 END....

H: SLIX Exchange Newsletters Received (9months):..
..
Sx9005 (Paper:4,Disk:?):..
Sx900521_In904t3_10 ISTUG_NL..
Sx900519_Mn905_10-- SMUG BYTES..
Sx900505_Pn904_10-- PACC TALK..
Sx900501_Mn904_10-- SMUG BYTES..
..
Sx9004 (Paper:6,Disk:?):..
Sx900418_Sn903_12-- SincLink..
Sx900416_Tn903_8--- TIMELINEZ..
Sx900416_Pn904_8--- PACC TALK..
Sx900414_Nn903_10-- SNUG NL..
Sx900406_On903_12-- BoSTUG NL..
Sx900403_Mn904t3_10 SMUG BYTES..
..
Sx9003 (Paper:8,Disk:?):..
Sx900330_Tn902_8--- TIMELINEZ..
Sx900326_Cn902t1_6- CRAGIST NL..
Sx900316_Pn903_8--- PACC TALK..
Sx900314_Sn902t1_20 SincLink..
Sx900313_Mn902_10-- SMUG BYTES..
Sx900312_Cn902t1_6- CRAGIST NL..
Sx900307_In903_20-- ZX-Appeal..
Sx900301_Nn89at9_22 Sinc-Link..
..
Sx9002 (Paper:4,Disk:1):..
Sx900220_Cn89?_?--- CRAGIST_NL..
.Cn89_dir $ $.$..
Sx900220_Dn89$1_40- QL SUB..
Sx900215_Pn902_4--- PACC TALK..
Sx900208_Nn902_10-- SNUG NL..
Sx900207_Mn901_10-- SMUG BYTES..
..
Sx9001 (Paper:?,Disk:?):..
Sx900129_Bn901_8--- TS Bulletin..
Sx900127_Tn901_8--- TIMELINEZ..
Sx900127_In89ctb_10 ISTUG_NL..
Sx900119_Pn901_8--- PACC TALK..
Sx900112_Zn901_16-- ZX-Appeal..
..
Sx8912 (Paper:9,Disk:1):..
Sx891230_Mn89c_10-- SMUG BYTES..
Sx891223_Cn89ct8_6- CRAGIST NL..
Sx891212_Tn89ct5_32 TIMELINEZ..
Sx891211_Bn89b_4--- TS Bulletin..
Sx891208_Pn89c_8--- PACC TALK..
Sx891206_In89c_30-- ZX-Appeal..
Sx891206_Mn898_10-- SMUG BYTES..
Sx891204_Rn89c_8--- HATS_NL..
.Rn89c_dir $ $.$..
Sx891202_In89at9--- ISTUG_NL..
..
Sx8911 (Paper:6,Disk:1):..
Sx891121_Kn89ctb_4- KATS KOMPUTER KNEWS..
Sx891120_Cn897t5_7- CRAGIST_NL..
Sx891120_Sn89bt9_20 SincLink..
Sx891107_Rn89b_4--- HATS_NL..
.Rn89b_dir $ $.$..
Sx891104_Pn89b_8--- PACC TALK..
Sx891101_Mn89a_10-- SMUG BYTES..
..
Sx8910(Paper:7,Disk:2)::..
Sx891023_In89a_24 - ZX-Appeal..
Sx891017_Pn89a_8 -- PACC TALK..
Sx891012_Rn89a_6 -- HATS_NL..
.Rn89a_dir 36588..
Sx891011_Bn89a_38 - TS Bulletin..
.Bn89a_dir 79945..
Sx891005_Mn899_10 - SMUG BYTES..
Sx891005_Hn89a_8 -- HACKER..
Sx891003_Kn898_4 -- KATS Komputer Knews..
..
Sx8909(Paper:8,Disk:1)::..
Sx890925_In898t7_8- ISTUG_NL..
Sx890918_Bn89a_2--- TS Bulletin..
Sx890916_Pn89a_8--- PACC TALK..
Sx890915_On89af9_19 BoSTUG NL..
Sx890911_Rn89a_2--- HATS_NL..
.Rn89a_dir ?..
Sx890907_Hn89a_9--- HACKER..
Sx890905_Ln89a_3--- SBCC,TSUG/ WLAZXUG_NL..
Sx890905_Mn898_12-- SMUG BYTES..
..

```
1990 Jun 05 11:37:59
flp2_S190c64 lis
Revision: 900526.1320_PDT..
Words: 2619..
Organization: SLIX (Sinclair Information Exchange)..
Telecom-Info(3): SLIX_408-253-3175, MFSBBS_408-253-2295,
 UUCP!amps!svcsl!slix..
File-Type: Library..
Filename: S190..
Margins(4): Left: 2;; Indent: 1;; Right: 64;; Justify: Left..
..
Subject: SLIX Library (14): Policy, QL Diskettes, MSDOS
 Diskettes, TS2068 Cassettes, TS2068 Cartridges, TS1000
 Cartridges, TS1000 Cassettes, Hardware, Books, Magazines,
 Magazine Articles, Catalogs, Catalogs (History), & History...

Thanks to Tom Thinesen of Timex Watch Engineering in San Jose
 for the 900405 donation of Timex Software and Hardware..
This motivated us to start an inventory of items in the SLIX
 Library. We will try to inventory the rest of the Library as we
 get time and requests. Thanks to Steve Nichols
 (MFSBBS_408-253-2295) for the inventory help...

Policy (Preliminary):..
We will loan out items from the Library to SinclLink
 Subscribers..
SinclLink Subscriptions are $15/year and are currently fulfilled
 with TIMELINE2..
The cost will be a deposit as listed in the "Dp." column plus a
 shipping and handling fee..
Please note that the deposits and fees are preliminary and may
 be changed without notice..
The shipping and handling fee will be $3 except for packages
 over 16oz. ..
For packages over 16oz., the shipping and handling fee will be
 $3 plus $0.25 for each ounce over 16. Weight (in ounces) is
 listed in the "W." column..
..
Please make checks or money orders payable to "SinclLink"..
..
Mail to:..
SLIX (SinclLink Information eXchange)..
c/o Bill Miller 408-253-3175..
--- 6675 Clifford Drive..
--- Cupertino;; CA 95014-4[illegible]..
..
Deposits over $5 are fully refundable if the item is returned
 within 30days in good condition..
For times over 30days, a deduction will be made of 10% of the
 deposit per month from the deposit or SinclLink subscription..
..
We would also like to increase the library by exchanging items
 that we have more than two of for items we do not have (or have
 only one of). No shipping and handling fee will be charged on
 these transactions..
..
Since we are in the process of learning about how this lending
 Library will work, we will not lend our last copy of any item
 until we figure out a way to insure that the information in
 that item will not be lost..
...

SLIX ShareWare Directories (4):..
DFilename ext Bytes Revisn.time Subject
Sa89ct7_dir    291K ??????.???? SinclLink July to Dec. 1989..
Sa89ct1_dir    338K ??????.???? SinclLink Jan. to June 1989..
Sa88_dir       467K ??????.???? SinclLink 1988..
Sa87_dir        97K ??????.???? SinclLink 1987..
..
SLIX ShareWare Directories are available in 4 disk formats. We
 can put as many directories on the disk as it will hold. Price
 per disk is (4):..
Description                                  Price  W.- ..
QL 5.25in 720K                               $3.00   1 ..
QL 3.5in 720K                                $4.00   1 ..
MSDOS 5.25in 360K                            $3.00   1 ..
MSDOS 3.5in 720K                             $4.00   1 ..
...

Software (45part nos.):..
Timex
Part                                   List
Number- Title------------------------- QL SQ  Price Dp.- W.- ..
..
TS2068 Cassettes (31):..
61000   Vu-Calc                         2  $24.95  $25   2 ..
61001   Vu-File                         2  $24.95  $25   2 ..
61002   Vu-3D                           1  3  $24.95  $12   4 ..
61003   Quadra-Chart                    1  3  $24.95  $12   4 ..
62000   Budgeter                        2  $24.95  $25   2 ..
62001   Home Improvement Planner       13  $19.95   $1   4 ..
62003   Auto Analyzer                  21  $24.95   $1   4 ..
62004   Checkbook Manager               2  $19.95  $20   2 ..
62009   Personal Portfolio Manager      1  2  $19.95  $20   4 ..
62010   Personal Home Finance           1  $19.95  $40   2 ..
63000   Flight Simulator                1  5  $24.95  $12   4 ..
63001   States & Capitals               9  $15.95   $8   4 ..
63010   Spelling I                      3  $19.95  $10   4 ..
63011   Spelling II                     2  $15.95  $16   2 ..
63016   Math Wizardry I                13  $15.95   $1   4 ..
63017   Math Wizardry II               11  $15.95   $1   4 ..
63020   Word Play I                     1  $15.95  $32   2 ..
63021   Word Play II                    1  $15.95  $32   2 ..
63023   Keyboard Tutorial, Turtle Graphics, Home Accounting
 .                                      2          $10   2 ..
63025   Language Usage                  1  $19.95  $40   2 ..
64002   Penetrator                      1  $19.95  $40   2 ..
64004   Casino I                        1  $15.95  $32   2 ..
64005   Crossfire                       6  $19.95  $10   4 ..
64006   Circuit Board Scramble          1  $19.95  $40   2 ..
64007   Dragonaster                     2  $15.95  $16   2 ..
64009   Guardian                        1  $15.95  $32   2 ..
64012   Fun Golf                       16  $15.95   $1   4 ..
64014   Hungry Horace                   2  $19.95  $20   2 ..
64015   Horace Goes Skiing              2  $19.95  $20   2 ..
64019   Horace And The Spiders          2  $19.95  $20   2 ..
64021   Blind Alley                     2  $19.95  $20   2 ..
64023   Crazy Bugs                      1  $19.95  $40   2 ..
..
TS2068 Cartridges (2):..
73001   States & Capitals              16  $29.95   $5   1 ..
74004   Casino I                        1  $29.95  $60   2 ..
..
TS1000 Cartridges (3):..
79001   Supermath                       2  $19.95  $20   1 ..
79002   States & Capitals               4  $19.95  $10   2 ..
79004   Flight Simulator                3  $19.95  $1[illegible]   2 ..
..
TS1000 Cassettes (13):..
0-1000  Money Analyzer 2                1   $9.95  $20   2 ..
02-4001 Mixed Game Bag 2                1   $9.95  $20   2 ..
03-1000 Vu-Calc                         1  $19.95  $40   2 ..
03-2002 The Loan/ Mortgage Amortizer    1  $14.95  $30   2 ..
03-2009 The Home Asset Manager          1  $14.95  $30   2 ..
03-2013 Personal Finance Planner        1  $14.95  $30   2 ..
03-2019 Electric Cost Analyzer          1   $9.95  $20   2 ..
03-3001 States and Capitals             1  $12.95  $26   2 ..
03-3002 The Flight Simulator            1  $19.95  $40   2 ..
03-4002 The Gambler                     1  $14.95  $30   2 ..
03-4012 Frogger                         2  $17.95  $18   2 ..
03-4017 Tarot                           1   $9.95  $20   2 ..
Whiley (1):..
What Can I Do With My TS1000? Lots! (56 Programs For The Timex
 Sinclair 1000, & ZX81)                 2  $19.95  $20   2 ..
...

Hardware (8):..
TS1000 with power supply & manual       2  $49.88  $50  16+..
TS1016 16K RAMpack                      3  $19.88  $20   6 ..
TS1500 with power supply, no manual     2  $89.88  $90  29 ..
TS1510 Cartridge Adapter                1  $79.88  $80   5 ..
TS2040 with power supply, no manual     3  $89.88  $40  32 ..
TS2050 with power supply, no manual     1  $119.95 $120  32 ..
TS2068 No power supply or manual        2  $159.88  $80  32 ..
TS2090 Joystick                         3  $14.95  $15   7 ..
ZX Spectrum No power supply or manual   1  4        $100  16+..
ZX Spectrum Microdrive Expansion Kit    1  $139.95 $140  16+..
ZX Spectrum WafaDrive                   3  2  $159.95 $160  16+..
TS2068 A&J MicroDrive                   1  2  $149.95 $150  16+..
TS1000 A&J MicroDrive                   2  $149.95 $150  16+..
...

Books (* Indicates book may be used as a User Manual) (42):..
..                                             List
Title------------------------------------ Q.  Price Dp.- W.- ..
..
QL (5):..
Word Processing With The Sinclair QL    1  $11.00  $11  12 ..
Developing Applications on the QL       1  $11.00  $11  13 ..
Good Programming With QL SuperBASIC     1          $11   8 ..
Word Processing Wth QL Quill            1          $11   9 ..
Quick QL Machine Language               1  $12.00  $12  11 ..
..
TS2068, TS1000, Spectrum, & ZX81 (1):..
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* The Essential Guide To Timex/ Sinclair Home Computers .......
 .                                      1  $8.95  $10  16+..
..
TS2068, & Spectrum (9):..
* Sinclair Spectrum Basic Programming   1    $11  $11   9 ..
* Timex Sinclair 2068 Beginner/ Intermediate Guide ............
 .                                      2  $9.95  $10  11 ..
Timex Sinclair 2068 Intermediate/ Advanced Guide ............
 .                                      2  $9.95  $10  10 ..
The Working Timex Sinclair 2068         1  $9.95  $10  11 ..
Creative Games For The Timex Sinclair 2068 1  $7.95   $8   7 ..
Timex Sinclair Color Graphics           1    $15  $15   9 ..
The Timex Sinclair 2068 Explored        1  $12.95  $13  12 ..
50 Programs For The Timex Sinclair 2068 1  $12.95  $13   8 ..
An Introduction To "Vu-Calc"(tm) Spreadsheeting For The "Timex/
 Sinclair 2000"(R) And The "Sinclair ZX Spectrum"(R) .........
 .                                      1  $22.95  $23  16+..
Spectrum Hardware Manual                1          $20   7 ..
Spectrum Microdrive Book                1  $9.95  $20   7 ..
..
TS1000, ZX81, & ZX80 (19):..
* The Timex Personal Computer Made Simple 1  $3.50  $10   3 ..
* How To Use The Timex Sinclair Computer 1          $10   6 ..
* Timex Sinclair BASIC Primer With Graphics ..................
 .                                      1  $9.95  $10  16+..
* The ZX81 TS1000 Home Computer Book    1  $15.00  $15  16+..
Mastering Your Timex Sinclair 1000 Personal Computer .........
 .                                      1  $3.95   $6   4 ..
51 Game Programs For The Timex Sinclair 1000 and 1500 ........
 .                                      1  $2.50   $6   4 ..
Timex/ Sinclair 1000: Astronomy         1          $6   8 ..
49 Explosive Games For The ZX81         1  $10.95  $11   7 ..

Machine Language Programming Made Simple For Your Sinclair &
 Timex TS1000                           1  $14.95  $15   9 ..
ZX81/ Timex Programming in BASIC and Machine Language .......
 .                                      1  $9.95  $10   6 ..
Computer Companion For The Sinclair Timex Computers .........
 .                                      1  $10.25  $11  13 ..
30 Programs For The Sinclair ZX80 1K    1  $16.95  $17   6 ..
Timex/ Sinclair Interfacing             1    $15  $15   8 ..
Mastering Machine Code On Your ZX81     1  $12.95  $13  10 ..
The Explorer's Guide To The ZX81 and Timex Sinclair 1000 ....
 .                                      1  $10.00  $10   8 ..
Machine Code and Better BASIC           1  $11.95  $12  13 ..
What Can I Do With My Timex Sinclair 1000? Lots! (54 Programs
 for the Timex Sinclair 1000 & ZX81)    2  $9.95  $10  11 ..
Vu-Calc and Vu-File; Getting Serious with Your Timex/ Sinclair .
 .                                      1    $15  $15  11 ..
The Ins and Outs Of The Timex TS1000 & ZX81 .................
 .                                      1  $10  $10   6 ..
ZX80 Operating Manual                   1  $20  $20   7 ..
..
Computer Books not Sinclair specific (9):..
The IBM XT CLONE Buyer's Guide          1  $9.95  $10   8 ..
Build Your Own Z80 Computer             1  $20  $20  16+..
Microcomputer Systems; An Applications Approach .............
 .                                      1    $5  16+..
BASIC; A Self- Teaching Guide           1  $8.95   $9  16 ..
Home Computers: Questions & Answers (2):..
Volume 1: Hardware                      1  $10  $10  14 ..
Volume 2: Software                      1  $10  $10  12 ..
The Z80 Microcomputer Handbook          1  $10  $10  12 ..
Machine & Assembly Language Programming 1  $9.95  $10   8 ..
The BASIC Conversions Handbook for Apple, TRS-80, and Pet Users.
 .                                      1  $7.95   $8   5 ..

1990 Jun 05 13:06:41
flp2_S190c32 lis
Margins(4): Left: 2;; Indent:
 1;; Right: 32;; Justify: Left..
..
Subject: SLIX Library (1):
 Magazines (22titles):...

TimeDesigns (19issues)..
Vol. 5, (1No.):..
5.1          1  $3.00  $6  3..
Vol. 4, (6Nos.):..
4.6          1  $3.00  $6  4..
4.5          1  $3.00  $6  4..
4.4          1  $3.00  $6  4..
4.3          1  $3.00  $6  4..
4.2          1  $3.00  $6  4..
4.1          1  $3.00  $6  5..
Vol. 3, (5Nos.):..
3.6          1  $3.00  $6  4..
3.5          1  $3.00  $6  5..
3.4          1  $3.00  $6  4..
3.3          1  $3.00  $6  5..
3.2
3.1          1  $3.00  $6  5..
Vol. 2, (6Nos.):..
2.6          1  $3.00  $6  4..
2.5          1  $3.00  $6  4..
2.4          1  $3.00  $6  4..
2.3          1  $3.00  $6  4..
2.2          1  $3.00  $6  4..
2.1          1  $3.00  $6  3..
Best of TimeDesigns Volume 1:..
1.0          1  $8.00  $8  8..
..
Timex Ramblings (4):..
1.5 198311   1        $6  2..
1.4 198308-06 1       $6  2..
1.3 198305   1        $6  1..
1.2 198304   1        $6  1..
..
Sync (20):..
1984 (2issues):..
March/ April 5  $2.95  $3  8..
Jan./ Feb.   4  $2.95  $3  8..
1983 (6issues):..
Nov./ Dec.   5  $2.95  $3  8..
Sep./ Oct.   5  $2.95  $3  9..
July/ Aug.   4  $2.95  $3  9..
May/ June    2  $2.95  $6 10..
March/ April 2  $2.95  $6  7..
Jan./ Feb.   3  $2.95  $3  8..
1982 (6issues):..
Nov./ Dec.   1  $2.95  $6  9..
Sep./ Oct.   2  $2.95  $6  7..
July/ Aug.   1  $2.95  $6  6..
May/ June    1  $2.95  $6  5..
March/ April 1  $2.95  $6  5..
Jan./ Feb.   1  $2.95  $6  5..
1981 (6issues):..
Nov./ Dec.   1  $2.50  $6  5..
Sep./ Oct.   1  $2.50  $6  5..
July/ August 1  $2.50  $6  5..
May/ June    1  $2.50  $6  5..
Mar./ Apr.   1  $2.50  $6  5..
Jan./ Feb.   1  $2.50  $6  5..
..
Syntax ZX80 (13):..
1983 Sept.   1  $4.00  $6  2..
1981 (11):..
Nov.         1  $4.00  $6  2..
Oct.         1  $4.00  $6  2..
Sep.         1  $4.00  $6  2..
Aug.         1  $4.00  $6  2..
Jul.         1  $4.00  $6  2..
Jun.         1  $4.00  $6  2..
May          1  $4.00  $6  2..
Apr.         1  $4.00  $6  2..
Mar.         1  $4.00  $6  2..
Feb.         1  $4.00  $6  2..
Jan.         1  $4.00  $6  2..
1980         1  $4.00  $6  2..
..
Syntax Quarterly (3issues):..
1983 Summer  1  $4.95  $6  5..
1983 Spring  3  $4.95  $5  5..
1982 Winter  3  $4.95  $5  4..
..
Timex Sinclair User (7issues):..
Vol. 1 (7Nos.):..
1.7          1  $2.95  $6  7..
1.6          3  $2.95  $3  6..
1.5          3  $2.95  $3  5..
1.4          3  $2.95  $3  6..
1.3          3  $2.95  $3  7..
1.2          3  $2.95  $3  7..
1.1          3  $2.95  $3  6..
..
Timex Sinclair Shopper (1):..
1984 Spring:..
1.1          1  $1.95  $6  1..
..
TS Horizons (18issues):..
1986 (3):..
19 May/ June 1  $2.00  $6  2..
18 April     1  $2.00  $6  2..
17 Feb./ Mar. 1  $2.00  $6  2..
1985? (5):..
16 Nov.      1  $2.00  $6  2..
15 July/ Aug. 1  $2.00  $6  2..
13 April     1  $2.00  $6  2..
12 Feb./ Mar. 1  $2.00  $6  2..
11 Jan.      1  $2.00  $6  3..
1984? (8):..
10 Dec.      1  $2.00  $6  2..
9 Oct./ Nov. 1  $2.00  $6  2..
8 Sep.       1  $2.00  $6  2..
7 July/ Aug. 1  $1.25  $6  2..
6 June       1  $1.25  $6  2..
5 April/ May 1  $1.25  $6  2..
4 March      4  $1.25  $2  2..
3 Jan./ Feb. 3  $1.25  $2  2..
1983? (2):..
2 Dec.       2  $1.25  $6  2..
1 Nov.       2  $1.25  $6  2..
..
UK Magazines:..
QL World (16):..
1990, Jan.   1  $6.00  $6  4..
1989 (9):..
Dec.         1  $6.00  $6  4..
Nov.         1  $6.00  $6  4..
Oct.         1  $6.00  $6  4..
Sep.         1  $6.00  $6  4..
Aug.         1  $6.00  $6  4..
Jun.         1  $6.00  $6  4..
May          1  $6.00  $6  4..
Mar.         1  $6.00  $6  4..
Jan.         1  $6.00  $6  4..
1988 (3):..
Nov.         1  $6.00  $6  4..
Aug.         1  $6.00  $6  4..
Jan.         1  $6.00  $6  5..
1987 (3):..
Dec.         1        $6  4..
June         1        $6  5..
May          1        $6  5..
..
QL User (9):..
1985 (5issues):..
Dec.         2        $6  6..
Nov.         1        $6  6..
Oct.         1        $6  7..
Sep.         1        $6  6..
July         1        $6  6..
1984 (2issues):..
Mar.         2        $6  1..
"Special Launch Issue" (1):..
Mar.?        1        $6  7..
..
QL Catalogs (3)..
From 1985 West Coast Computer
 Faire       2        $10  3..
From 1984 West Coast Computer
 Faire       1        $10  4..
..
ZX Computing (18?):..
1986 (2issues):..
Oct.         3  $3.95  $4  7..
Feb./ Mar.   1  $3.95  $6 10..
1985 (6):..
8512/8601    1  $3.95  $6 10..
Oct./ Nov.   1  $3.95  $6  9..
Aug./ Sep.   1  $3.95  $6 10..
June/ July   1  $2.50  $6 10..
April/ May   1        $6 10..
Feb./ Mar.   1  $3.95  $6 10..
1984 (5):..
Aug./ Sep.   1        $6 11..
June/ July   1        $6 12..
Apr./ May    1  $3.95  $6 12..
Feb./ Mar.   1  $3.95  $6 12..
Dec./ Jan.   1  $3.95  $6 15..
1983 (3):..
Oct./ Nov.   1  $5.50  $6 12..
June/ July   1  $5.50  $6 10..
Apr./ May    1  $5.50  $6 11..
..
Sinclair User (9):..
1986 (2):..
Feb.         1        $6 11..
Jan.         1  $2.50  $6 10..
1985 (6issues):..
Dec.         1  $2.50  $6 12..
July         2  $2.50  $6  8..
June         1  $2.50  $6 10..
April        1  $2.50  $6 10..
Feb.         1  $2.50  $6 11..
Jan.         1  $2.50  $6 15..
..
Sinclair Programs (2):..
1985 July    1  $2.50  $6  5..
1985 June    1  $2.50  $6  4..
..
UK Computer Magazines (Not
 Sinclair specific, but with
 Sinclair items tagged with
 yellow tags):..
Electronics & Computing (22)..
Computer Answers (2)..
Computer (+ Video) Games (1)..
Personal Computer World (7)..
Practical Computing (7)..
What Micro? (5)..
Which Micro? (7)..
Your Computer (3)..
..
Sinclair Articles from Computer
 Shopper (5):..
Timex Sinclair Survival Column..
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